

TC-WA8ESA/WE805S

SERVICE MANUAL

*US Model
Canadian Model
TC-WA8ESA/WE805S*

AEP Model

UK Model

E Model

Australian Model

Chinese Model

TC-WE805S

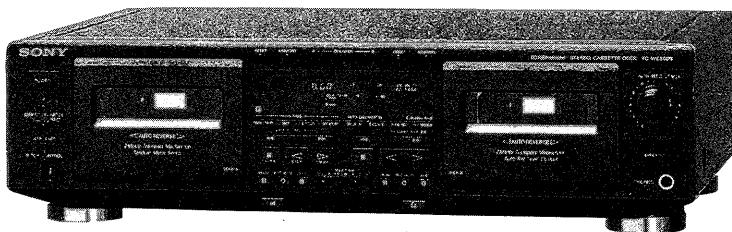


Photo : TC-WE805S

* Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

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Model Name Using Similar Mechanism	NEW
Tape Transport Mechanism Type	DECK-A
	DECK-B TCM-190RB11C

SPECIFICATIONS

System

Recording system

4-track 2-channel stereo

Fast-winding time (approx.)

90 sec. (with Sony C-60 cassette)

High-speed fast-winding time (approx.)

45 sec. (with Sony C-60 cassette)

Bias

AC bias

Signal-to-noise ratio (at peak level and weighted with Dolby NR off)

Type I tape, Sony Type I (NORMAL): 55 dB

Type II tape, Sony Type II (HIGH): 57 dB

Type IV tape, Sony Type IV (METAL): 58 dB

S/N ratio improvement (approximate values)

With Dolby B NR on: 5 dB at 1 kHz, 10 dB at 5 kHz

With Dolby C NR on: 15 dB at 500 Hz, 20 dB at 1 kHz

With Dolby S NR on: 10 dB at 100 Hz, 24 dB at 1 kHz

Harmonic distortion

0.4% (with Type I tape, Sony Type I (NORMAL):

160 nWb/m 315 Hz, 3rd H.D.)

1.8% (with Type IV tape, Sony Type IV (METAL):

250 nWb/m 315 Hz, 3rd H.D.)

Frequency response (Dolby NR off)

Tape type

Type I tape, Sony Type I (NORMAL): 30 - 16,000 Hz (± 3 dB, IEC),
20 - 17,000 Hz (± 6 dB)

Type II tape, Sony Type II (HIGH): 30 - 17,000 Hz (± 3 dB, IEC),
20 - 18,000 Hz (± 6 dB)

Type IV tape, Sony Type IV (METAL): 30 - 19,000 Hz (± 3 dB, IEC),
20 - 20,000 Hz (± 6 dB),
30 - 13,000 Hz (± 3 dB, -4 dB recording)

Wow and flutter

$\pm 0.13\%$ W. Peak (IEC)

0.07% W. RMS (NAB)

$\pm 0.18\%$ W. Peak (DIN)

Variable pitch range (approx.) (TC-WE805S only)

-30 to +30%

— Continued on page 2 —

STEREO CASSETTE DECK
SONY®



Inputs**Line inputs (phono jacks)**

Sensitivity : 0.16 V
Input impedance : 47 kilohms

Outputs**Line outputs (phono jacks)**

Rated output level : 0.5 V at a load impedance of
47 kilohms
Load impedance : Over 10 kilohms

Headphones (stereo phone jack)

Output level : 0.25 mW at a load impedance of
32 ohms

General**Power requirements**

Where purchased	Power requirements
US, Canadian model	120V AC, 60Hz
AEP, UK, German, Malaysia, Singapore, Chinese model	220 – 230V AC, 50/60Hz
Australian model	240V AC, 50/60Hz
E model	120/220/240V AC, 50/60Hz

Power consumption

28W

Dimensions (approx) (w/h/d)

UK, and Australian model :
430 x 120 x 303 mm (w/h/d)
(17 x 4 3/4 x 12 inches)
EXCEPT UK, Australian model :
430 x 120 x 290 mm (w/h/d)
(17 x 4 3/4 x 11 1/8 inches)
including projecting parts and controls

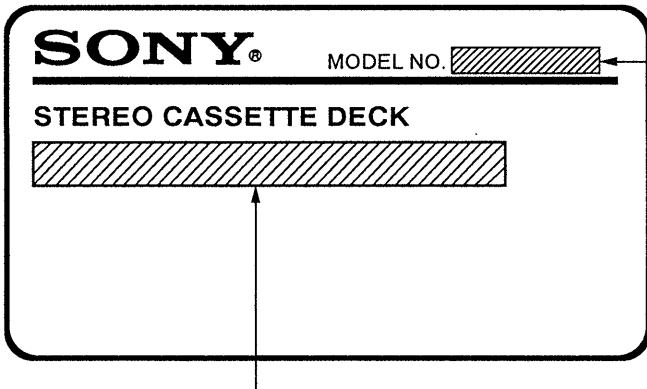
Mass (approx.)

4.2 kg (9 lbs 5 oz)

Supplied accessories

Audio connecting cords (2 phono plugs - 2 phono plugs) (2)
Remote commander (RM-J910) (1) :
(WA8ESA : Canadian model)

Design and specifications are subject to change without notice.

MODEL IDENTIFICATION
(Specification Label)


US, Canadian model : AC 120V 60Hz
Australian model : AC 240V~50/60Hz
AEP, UK, German, Malaysia,
Singapore, Chinese model : AC 220~230V~50/60Hz
E model : AC120/220/240V~50/60Hz

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SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

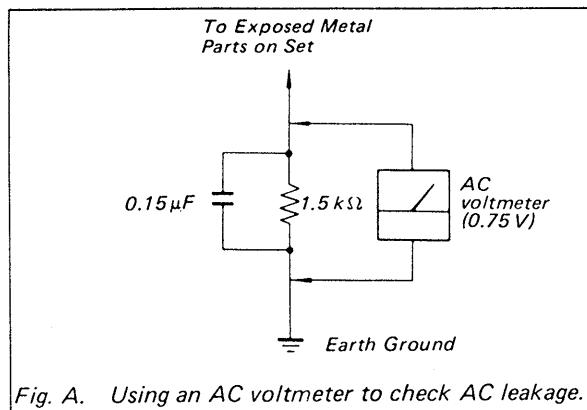
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



SAFETY-RELATED COMPONENT WARNING!!

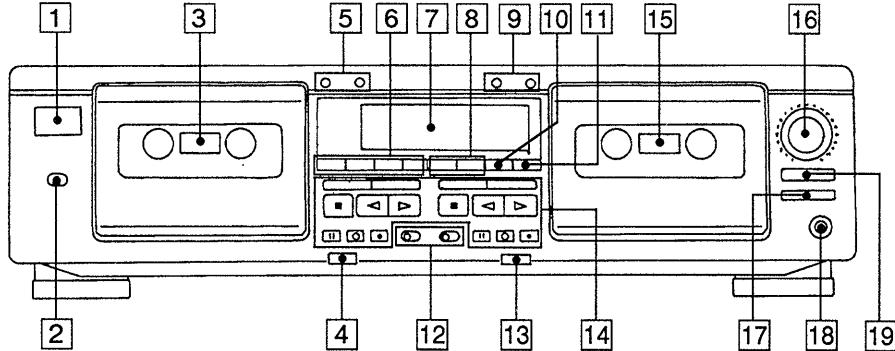
COMPONENTS IDENTIFIED BY MARK OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1 GENERAL

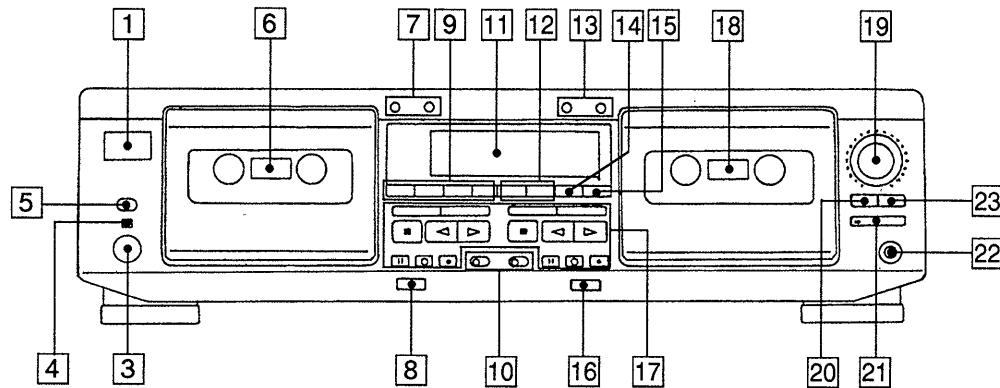
IDENTIFYING THE PARTS : TC-WA8ESA



FRONT PANEL

[1] POWER switch	[13] □ (eject) button (deck-B)
[2] DIRECTION MODE switch	[14] Tape operation buttons
[3] Deck-A	◀◀(leftward fastwinding)/AMS ***/ RMS** - button
[4] □ (eject) button (deck-A)	▶▶(rightward fastwinding)/AMS ***/ RMS** +button
[5] COUNTER buttons (deck-A) RESET button MEMORY button	■ (stop)/(RMS**) CLEAR button
[6] RMS" operation buttons RMS/START buttons SET buttons CHECK buttons DISPLAY buttons	< (reverse play)/(RMS**) BACK button
[7] Display panel	▷(forward play)/(RMS**) FRONT button
[8] AUTO CAL DECK-A and DECK-B buttons	II PAUSE button
[9] COUNTER buttons (deck-B) RESET button MEMORY button	○ REC MUTE (record muting) button
[10] A+B REC button	● REC (record) button
[11] SYNCHRO DUBBING buttons HIGH/NORMAL button	[15] Deck-B
[12] DOLBY NR switches OFF/ON/FILTER ON switch B/C/S switch	[16] REC (recording) LEVEL control
	[17] ARL button
	[18] PHONES jack (stereo phone jack)
	[19] FADER button
	" Random Music Sensor
	*** Automatic Music Sensor

IDENTIFYING THE PARTS : TC-WE805S



FRONT PANEL

[1] POWER switch	[15] SYNCHRO DUBBING buttons HIGH/NORMAL button
[3] PITCH control	[16] □ (eject) button (deck-B)
[4] PITCH control ON/OFF switch	[17] Tape operation buttons ◀◀ (leftward fastwinding)/AMS'''/ RMS'' - button
[5] DIRECTION MODE switch	▶▶ (rightward fastwinding)/AMS'''/ RMS'' +button
[6] Deck-A	■ (stop)/(RMS'') CLEAR button
[7] COUNTER buttons (deck-A) RESET button	◀ (reverse play)/(RMS'') BACK button
[8] □ (eject) button (deck-A)	▶ (forward play)/(RMS'') FRONT button
[9] RMS'' operation buttons RMS/START buttons	■ PAUSE button
SET buttons	○ REC MUTE (record muting) button
CHECK buttons	● REC (record) button
DISPLAY buttons	
[10] DOLBY NR switches OFF/ON/FILTER ON switch	[18] Deck-B
B/C/S switch	[19] REC (recording) LEVEL control
[11] Display panel	[20] FADER button
[12] AUTO CAL DECK-A and DECK-B buttons	[21] SYNCHRO button
[13] COUNTER buttons (deck-B) RESET button	[22] PHONES jack (stereo phone jack)
MEMORY button	[23] ARL button
[14] A+B REC button	" Random Music Sensor ''' Automatic Music Sensor

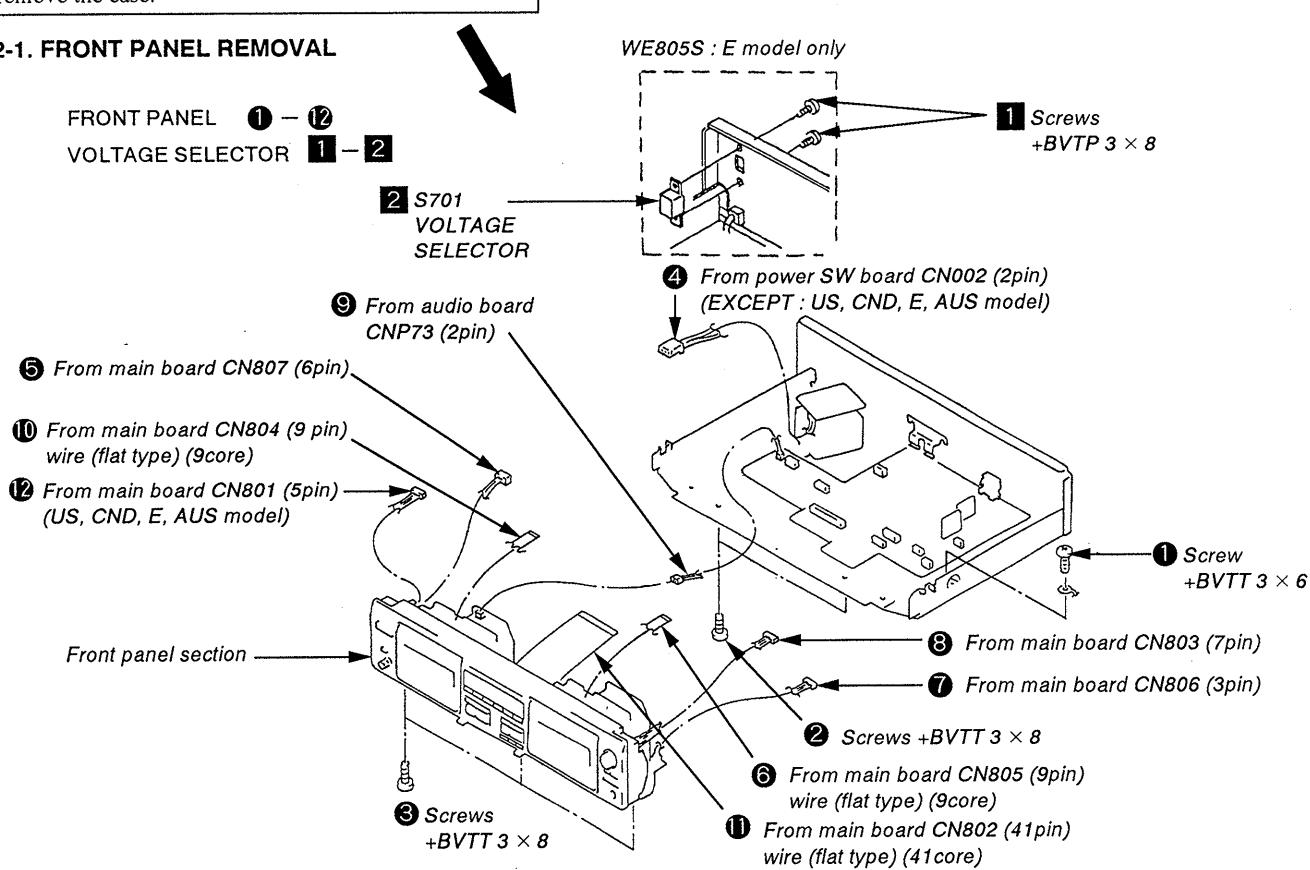
SECTION 2 DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

CASE

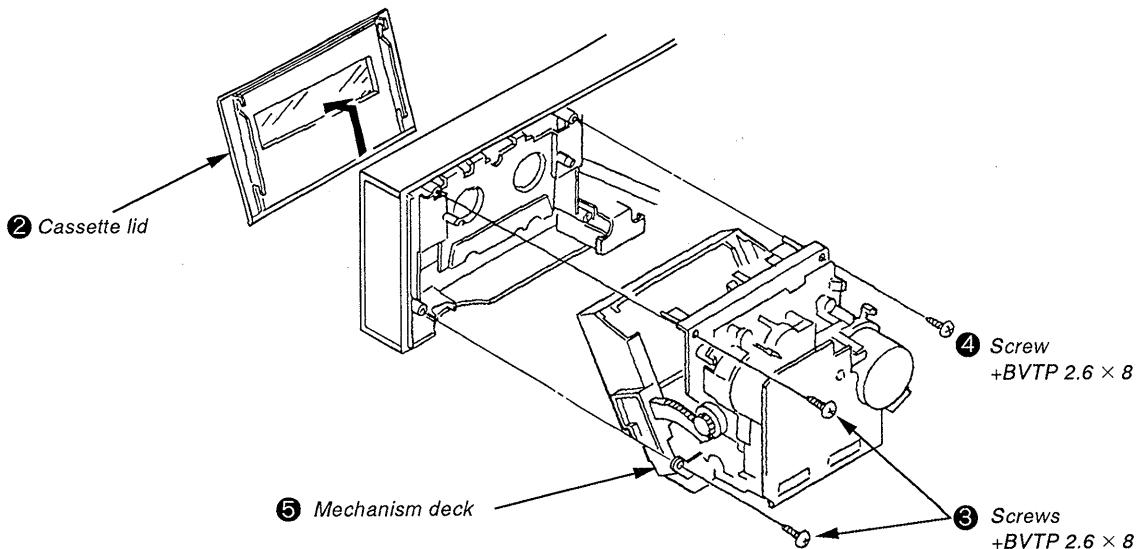
Unscrew the four case attachment screws M3 × 8 and remove the case.

2-1. FRONT PANEL REMOVAL

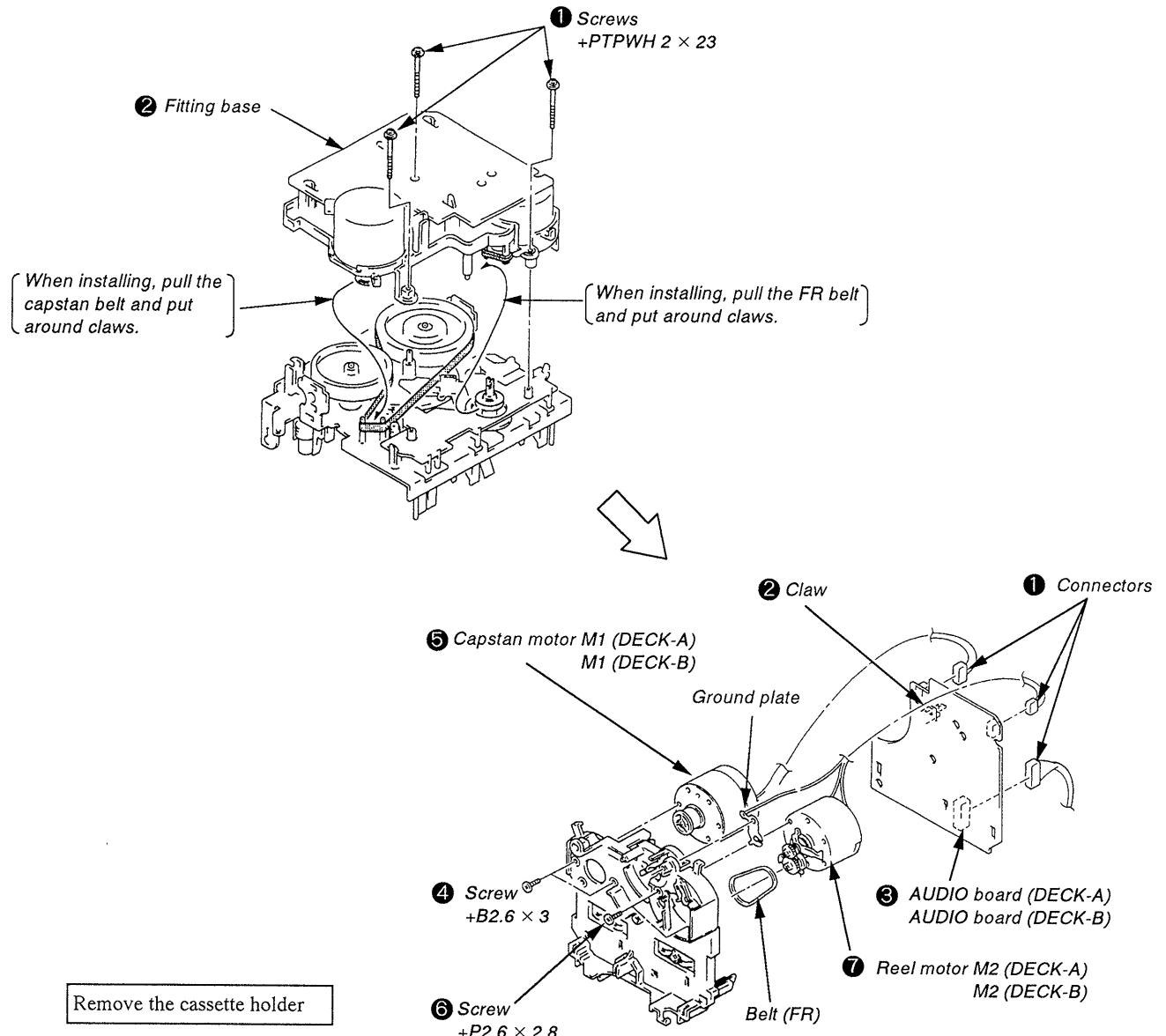


2-2. MECHANISM DECK

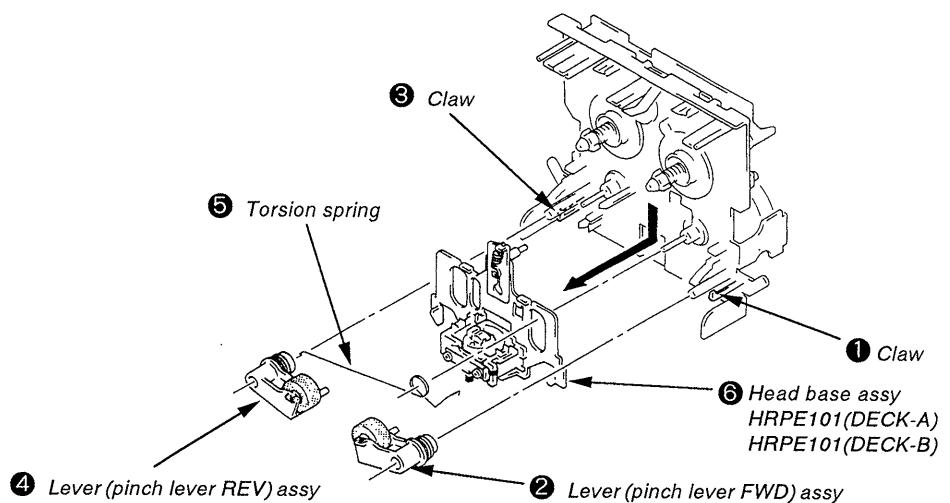
① Press the EJECT button.



2-3. CAPSTAN MOTOR, REEL MOTOR



2-4. HEAD, PINCH ROLLER



SECTION 3 ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab:

record/playback/erase head	pinch roller
rubber belts	capstan
idle	
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustment.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
Forward	CQ-102C	30 to 65g • cm (0.42 to 0.9 oz • inch)
Forward back tension	CQ-102C	DECK-A : 1 to 6g • cm (0.014 to 0.083 oz • inch) DECK-B : 2 to 9g • cm (0.03 to 0.12 oz • inch)
Reverse	CQ-102RC	30 to 65g • cm (0.42 to 0.9 oz • inch)
Reverse back tension	CQ-102RC	1 to 6g • cm (0.014 to 0.083 oz • inch)
FF/REW	CQ-201B	70 to 120g•cm (0.98 to 1.66 oz•inch)

3-2. ELECTRICAL ADJUSTMENTS

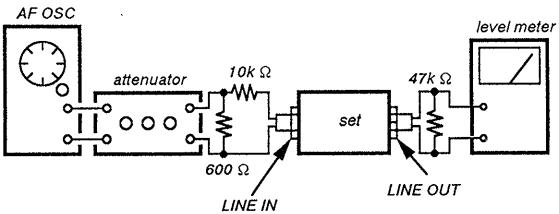
PRECAUTION

1. The adjustment should be performed in the publication.
(Be sure to make playback adjustment at first.)
2. The adjustments and measurement should be performed for both L-CH and R-CH.
 - Switch position

DOLBY NR switch	: OFF
DIRECTION MODE switch	: \rightleftharpoons
 - Standard record position :

Deliver the standard input signal level to input jack and set the REC LEVEL control to obtain the standard output signal level as follows.

— Record Mode —



Standard Input Level

Input terminal	LINE IN
source impedance	10k Ω
input signal level	0.5V (- 3.8dB)

Standard Output Level

Output terminal	LINE OUT
load impedance	47k Ω
output signal level	0.5V (- 3.8dB)

Test Tape

Tape	Contents	Use
P-4-A100	10kHz, - 10dB	Azimuth Adjustment
P-4-L300	315Hz, 0dB	PB Level Adjustment
WS-48B	3kHz, 0dB	Tape Speed Adjustment

0dB=0.775V

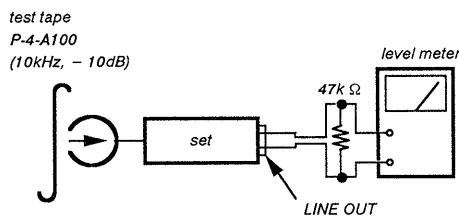
Test Mode

1. Insert a short-circuit plug into CN810 (2P) and turn ON the power switch.
At first, all the fluorescent tubes light up, then the system returns to normal display. (However, "0,00" is not displayed on the counter.)
2. To release the test mode, remove the short plug and turn off the power switch.
3. Remove the short plug after completion of adjustment.

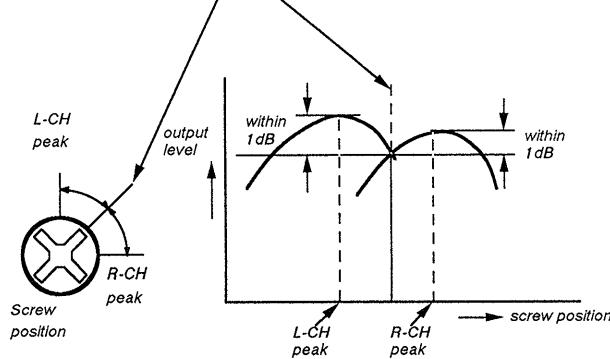
Record/Playback Head Azimuth Adjustment

Procedure :

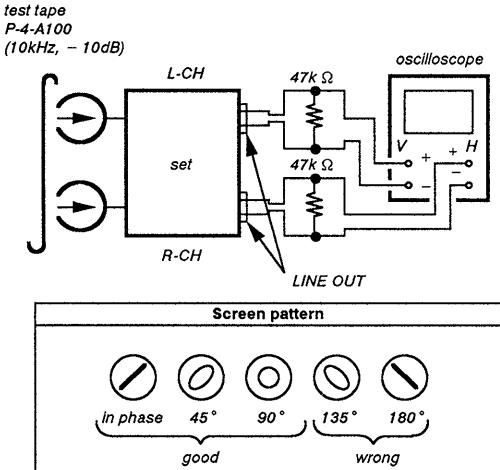
1. Forward playback Mode



2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1dB.

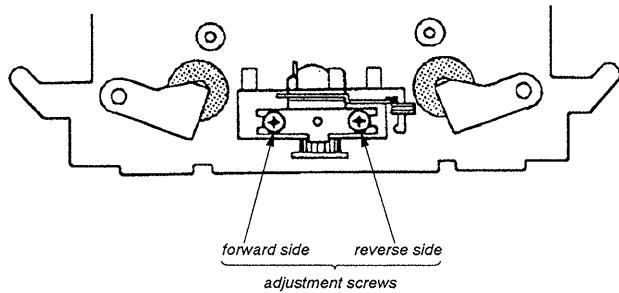


3. Playback Mode



4. Change the reverse playback mode and repeat the steps 1 to 3.
5. After the adjustment, lock the adjustment screws with suitable locking compound.

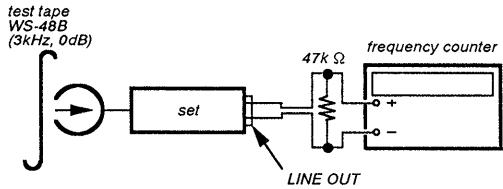
Adjustment Location : — record/playback head —



Tape Speed Adjustment DECK-A DECK-B

Procedure :

- Forward Playback Mode —



(High speed adjustment)

1. Set to test mode. (Refer to page 8)
2. Set to FWD playback mode.
3. Keep on pressing the HIGH SPEED DUBBING switch.
4. Adjust RV72 so that the frequency counter reading becomes $6,000 \pm 20\text{Hz}$.
5. Release test mode after adjustment is completed.

(Normal speed adjustment)

1. Set to FWD playback mode.
2. Adjust RV71 so that the frequency counter reading becomes $3,000 \pm 10\text{Hz}$.
- (Pitch control adjustment) (TC-WE805S only)
 1. Turn ON the PITCH CONTROL switch.
 2. Set RV902 to mechanical center.
 3. Set to FWD playback mode.
 4. Adjust RV601 so that the frequency counter reading becomes $3,000 \pm 10\text{Hz}$.

Frequency difference between the beginning and the end of the tape should be within 3%.

Frequency difference between the deck A and deck B the beginning of the tape should be within 1.5%.

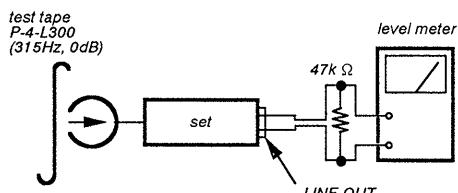
Adjustment Location : AUDIO board, MAIN board.

(See page 11)

Playback Level Adjustment DECK-A DECK-B

Procedure :

- Forward Playback Mode —



Adjust RV11(L-CH) and RV21(R-CH) so the level meter reading becomes the adjustment limits below.

Adjustment Value :

LINE OUT level : — $7.7 \pm 0.5\text{dB}$ (0.301 to 0.338V)

Level difference between channels : within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

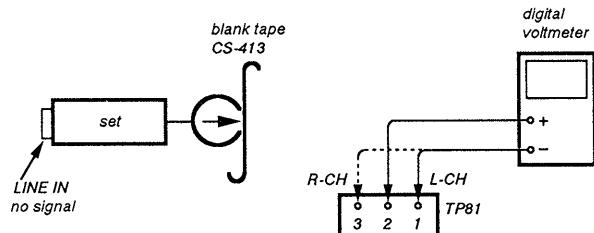
Adjustment Location : AUDIO board. (See page 11)

Bias Consumption Current Adjustment **DECK-B**

This adjustment should be performed when replacing the head assy or the bias oscillating transformer (T81, T91).

Procedure :

< > : R-CH



1. Connect the digital voltmeter to test point TP81.
2. Set RV81(RV91) to mechanical center.
3. Set to FWD record mode.
4. Adjust T81(T91) so that the digital voltmeter reading becomes minimum.

Adjustment Value : Maximum 220mV

Adjustment Location : AUDIO board. (See page 11)

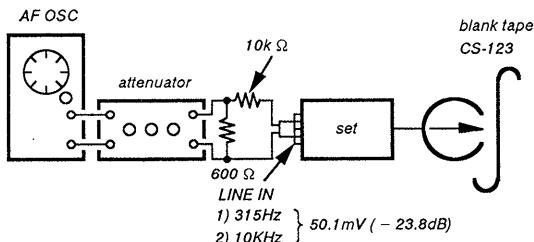
Record Bias Adjustment **DECK-B**

Setting :

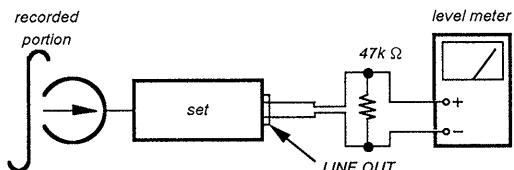
REC LEVEL control : standard record position (Refer to page 8)

Procedure :

1. Record Mode



2. Playback Mode



Confirm that the 10kHz playback output is $0 \pm 0.5\text{dB}$ relative to the 315Hz output. If necessary, adjust RV81 (L-CH), RV91(R-CH) and repeat the steps given above.

Adjustment Location : AUDIO board. (See page 11)

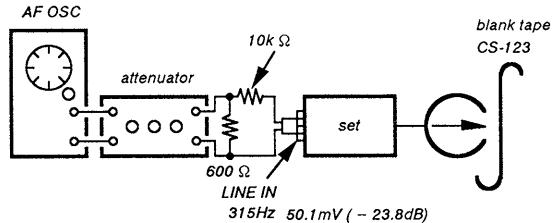
Record Level Adjustment **DECK-B**

Setting :

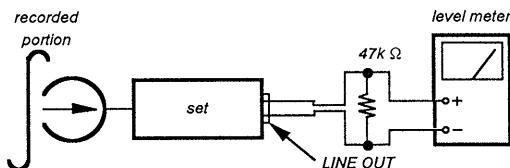
REC LEVEL control : standard record position (Refer to page 8)

Procedure :

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.

If necessary, adjust RV101 (DECK-B, L-CH), RV201 (DECK-B, R-CH), and RV102 (DECK-A, L-CH), RV202 (DECK-A, R-CH) repeat the steps 1 and 2.

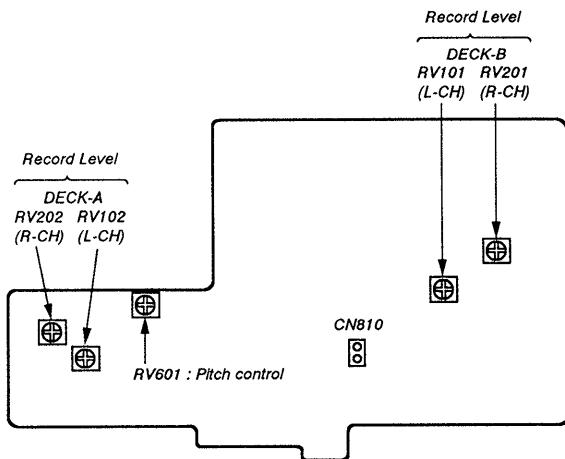
Adjustment Value :

LINE OUT level : $-23.8 \pm 0.5\text{dB}$ (47.2 to 53mV)

Adjustment Location : MAIN board.
(See page 11)

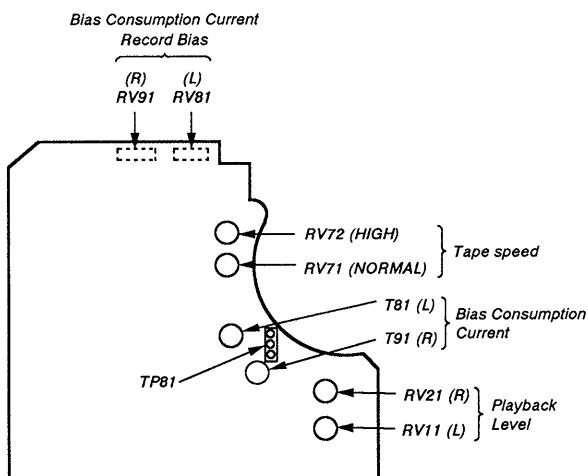
— Adjustment Parts Location Diagrams —

[MAIN BOARD]



DECK-A, DECK-B :

[AUDIO BOARD]



SECTION 4

EXPLANATION OF IC TERMINALS

IC801 CXP82432A-005Q (SYSTEM CONTROL/VFD DRIVE)

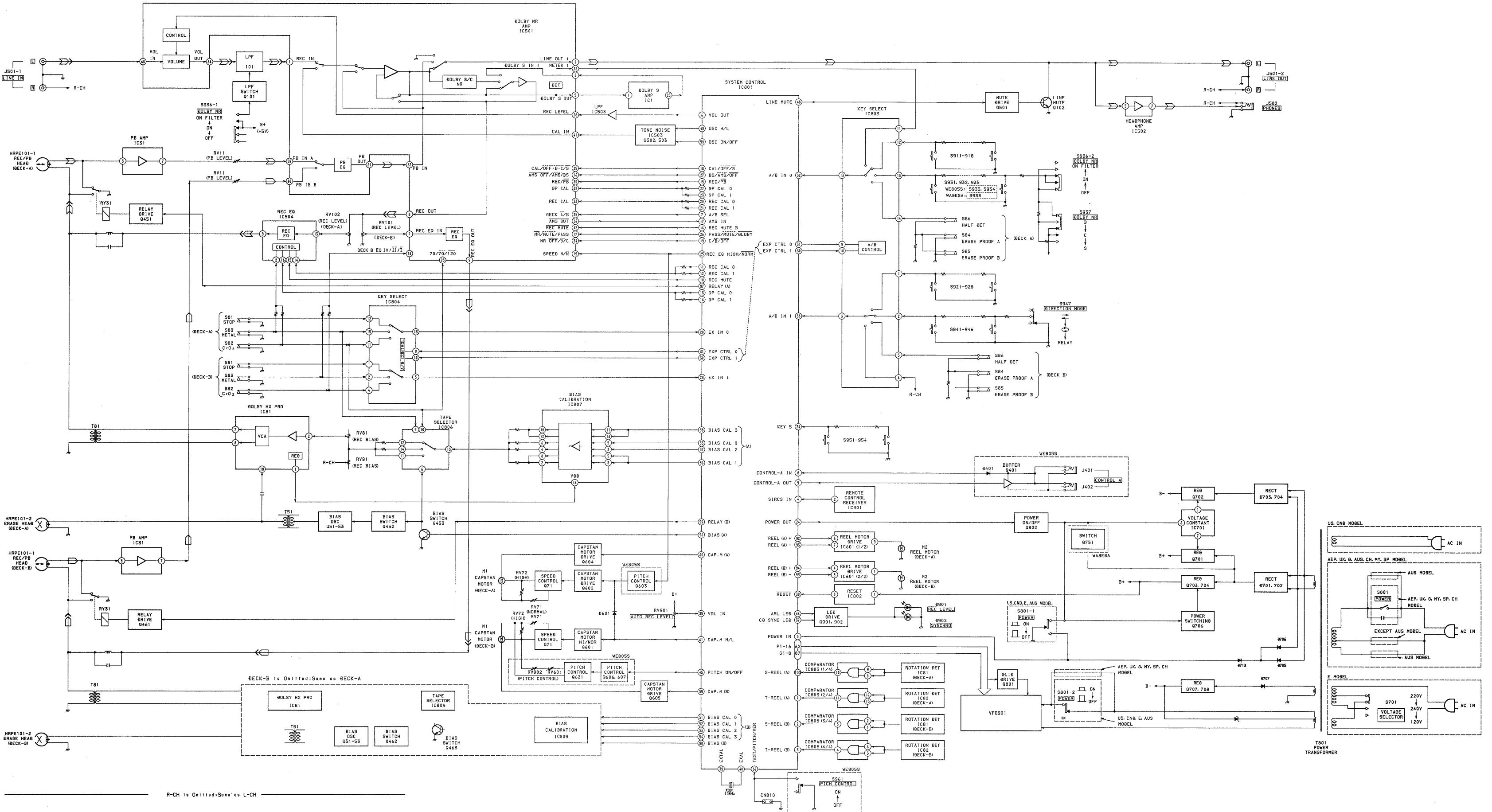
Pin No.	Pin name	I/O	Description
1	T-REEL (A)	I	Take-up reel rotation detection at DECK-A.
2	S-REEL (B)	I	Supply reel rotation detection at DECK-B.
3	T-REEL (B)	I	Take-up reel rotation detection at DECK-B.
4	SIRCS	I	Sircs signal input terminal.
5	POWER IN	I	Power OFF detection terminal.
6	VOL OUT	O	Record level control output. (PWM)
7	A/B SEL	O	Playback A/B selector. L : A, H : B
8	CONTROL-A IN	I	Control A input.
9	CONTROL-A OUT	O	Control A output.
10	REC MUTE (A)	O	Recording mute output (DECK-A). L : Mute ON
11	REC CAL 0 (A)	O	Recording CAL-0 output for auto calibration. (DECK-A)
12	REC CAL 1 (A)	O	Recording CAL-1 output for auto calibration. (DECK-A)
13	GP CAL 0 (A)	O	GEQ CAL-0 output for auto calibration. (DECK-A)
14	GP CAL 1 (A)	O	GEQ CAL-1 output for auto calibration. (DECK-A)
15	REC/PB	O	Dolby NR mode selector. L : Playback
16	REC MUTE (B)	O	Recording mute output (DECK-B). L : Mute ON
17	AMS IN	I	AMS signal input terminal. L : Music present.
18	CAL/OFF/S	O	Audio Selector. H : CAL/Open : NR-OFF, B, C/L : NR-S.
19	C/B/OFF	O	Dolby NR Selector. H : C/Open : B/L : OFF.
20	REC CAL 0 (B)	O	Recording CAL-0 output for auto calibration. (DECK-B)
21	REC CAL 1 (B)	O	Recording CAL-1 output for auto calibration. (DECK-B)
22	GP CAL 0 (B)	O	GEQ CAL-0 output for auto calibration. (DECK-B)
23	GP CAL 1 (B)	O	GEQ CAL-1 output for auto calibration. (DECK-B)
24	POWER OUT	O	Power hold output.
25	RECEQ HIGH NORM	O	REC EQ high/normal select. L : Normal
26	PASS/MUTE/DOLBY	O	Audio selector. L : Dolby/Open : Mute/H : Pass.
27	BS/AMS/OFF	O	AMS amp selector. L : OFF/Open : AMS/H : OFF.
28	EX IN 0	I	Expander control input. (0)
29	EX IN 1	I	Expander control input. (1)
30	EXP CTRL 0	O	Expander control output. (0)
31	EXP CTRL 1	O	Expander control output. (1)
32	A/D IN 0	I	Expander A/D input.(0)
33	A/D IN 1	I	Expander A/D input. (1)
34	KEY 5	I	KEY 5 input. (A/D converter)
35	VOL IN	I	Record volume input. (A/D converter)
36	TEST/PITCH/VER	I	Test mode/pitch control/version input.
37	CD SYNC LED	O	CD synchro LED ON/OFF drive. L : ON
38	RESET	I	System reset input terminal.
39	EXTAL	I	System clock oscillator input. (10.0MHz)
40	XTAL	O	System clock oscillator output. (10.0MHz)

Pin No.	Pin name	I/O	Description
41	Vss	—	Ground.
42	TX	—	Not used. (Ground connection)
43	TEX	—	Not used. (Ground connection)
44	ARL LED	O	ARL LED ON/OFF driver. H : ON.
45	PITCH ON/OFF	O	Pitch control ON/OFF output. L : ON.
46	AVREF	I	Reference voltage input for A/D converter.
47	AVss	—	Ground for A/D converter.
48	LINE MUTE	O	Line mute ON/OFF output. L : Mute ON
49	OSC H/L	O	OSC frequency H/L selection for auto calibration.
50	OSC ON/OFF	O	OSC ON/OFF output for auto calibration.
51	BIAS CAL 0 (B)	O	EQ bias CAL-0 output for auto calibration. (DECK-B)
52	BIAS CAL 1 (B)	O	EQ bias CAL-1 output for auto calibration. (DECK-B)
53	BIAS CAL 2 (B)	O	EQ bias CAL-2 output for auto calibration. (DECK-B)
54	BIAS CAL 3 (B)	O	EQ bias CAL-3 output for auto calibration. (DECK-B)
55	BIAS CAL 0 (A)	O	EQ bias CAL-0 output for auto calibration. (DECK-A)
56	BIAS CAL 1 (A)	O	EQ bias CAL-1 output for auto calibration. (DECK-A)
57	BIAS CAL 2 (A)	O	EQ bias CAL-2 output for auto calibration. (DECK-A)
58	BIAS CAL 3 (A)	O	EQ bias CAL-3 output for auto calibration. (DECK-A)
59	CAP. M (B)	O	Capastan motor ON/OFF control at deck-B. H : ON.
60	CAP. M (A)	O	Capastan motor ON/OFF control at deck-A. H : ON.
61	CAP. M H/L	O	Capastan motor high/normal selector. L : High.
62	P16	O	Fluorescent Indicator Tube segment drive.
63	P15	O	
64	P14	O	
65	P13	O	
66	P12	O	
67	P11	O	
68	P10	O	
69	P9	O	
70	P8	O	
71	P7	O	
72	P6	O	
73	P5	O	
74	P4	O	
75	P3	O	Fluorescent Indicator Tube grid drive.
76	P2	O	
77	P1	O	
78	G1	O	
79	G2	O	
80	G3	O	

Pin No.	Pin name	I/O	Description
81	G4	O	Fluorescent Indicator Tube grid drive.
82	G5	O	
83	G6	O	
84	G7	O	
85	G8	O	
86	G6, G7	O	
87	G7, G8	O	
88	VFDP	—	Fluorescent Indicator Tube power. (— 28V)
89	V _{DD}	—	Power supply. (+5V)
90	NC	—	Not used. (V _{DD} connection)
91	V _{ss}	—	Ground.
92	REEL A (+)	O	Reel motor (+) output at deck-A.
93	REEL A (—)	O	Reel motor (—) output at deck-A.
94	REEL B (+)	O	Reel motor (+) output at deck-B.
95	REEL B (—)	O	Reel motor (—) output at deck-B.
96	BIAS (A)	O	Bias ON/OFF output at DECK-A. L : OFF, H : ON
97	RELAY (A)	O	Relay record/playback selector at DECK-A. L : Record
98	BIAS (B)	O	Bias ON/OFF output at DECK-B. L : OFF, H : ON
99	RELAY (B)	O	Relay record/playback selector at DECK-B. L : Record
100	S-REEL (A)	I	Supply reel rotation detection at DECK-A.

SECTION 5 DIAGRAMS

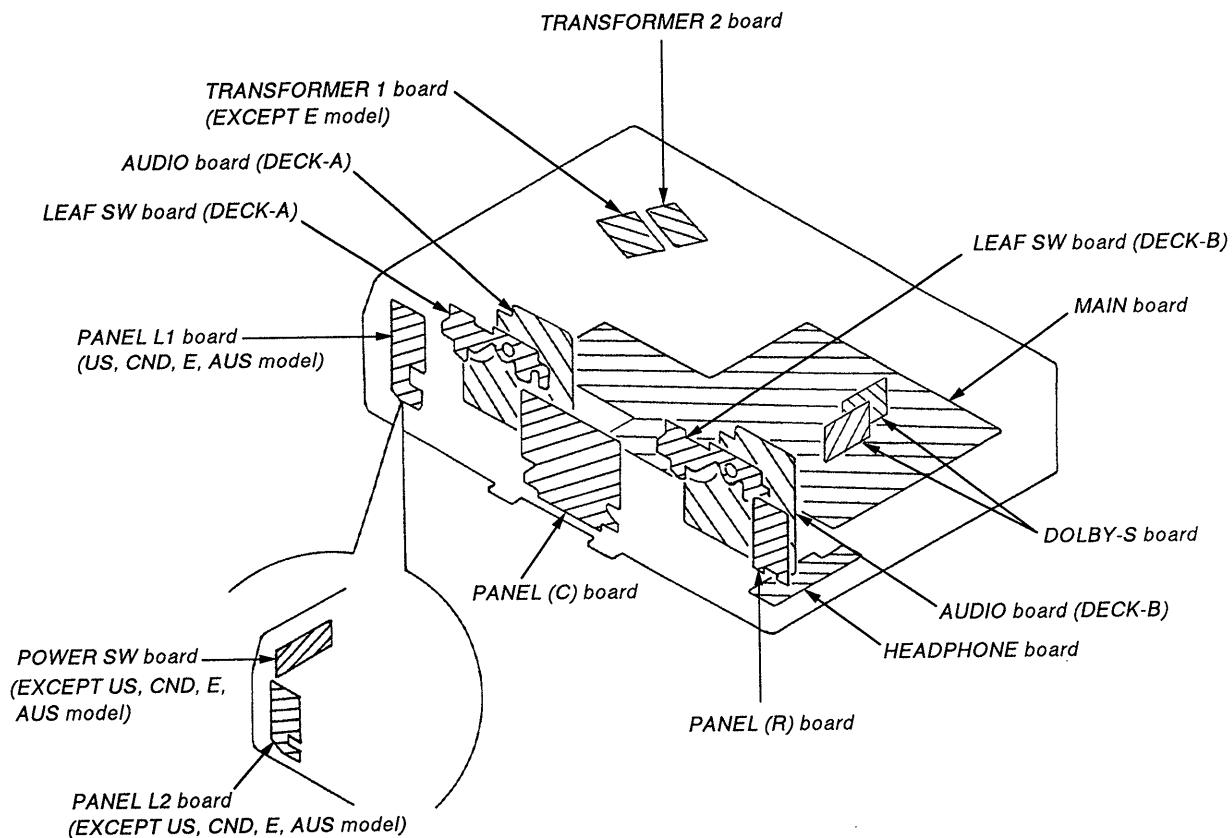
5-1. BLOCK DIAGRAM



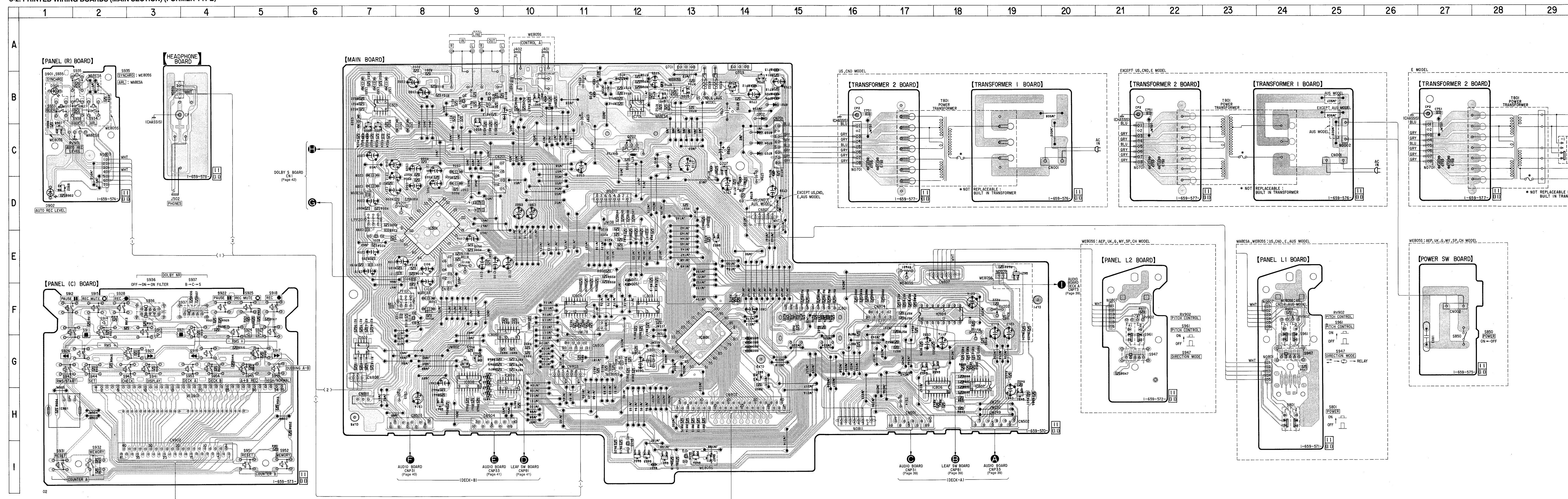
• Signal path.
 : PB (DECK-A)
 : REC (DECK-A)
 : PB (DECK-B)
 : REC (DECK-B)

• Abbreviation
CND : Canadian
G : German
AUS : Australian
CH : Chinese
SP : Singapore
MY : Malaysia

• CIRCUIT BOARDS LOCATION



5-2 PRINTED WIRING BOARDS (MAIN SECTION) (FORMER TYPE)



SEMICONDUCTOR LOCATIONS

• SEMICONDUCTOR LOCATION			
Ref. No.	Location	Ref. No.	Location
D151	E - 12	IC901	H - 1
D251	F - 12		
D401	B - 10		
D521	C - 7	Q101	F - 8
D522	C - 7	Q102	B - 9
		Q201	E - 7
D601	I - 12	Q202	B - 9
D701	B - 15	Q401	B - 10
D702	B - 14		
D703	C - 14	Q451	H - 19
D704	C - 14	Q452	G - 17
		Q453	G - 18
D705	B - 15	Q461	H - 8
D706	B - 15	Q462	G - 9
D707	C - 14		
D708	B - 11	Q463	G - 9
D709	B - 11	Q501	C - 9
		Q502	C - 7
D710	B - 12	Q503	C - 7
D711	C - 12	Q601	I - 12
D712	B - 14		
D713	A - 15	Q602	I - 12
D714	D - 14	Q603	I - 12
		Q604	I - 13
D715	C - 13	Q605	I - 12
D716	C - 14	Q606	I - 13
D801	G - 14		
D802	G - 14	Q607	I - 13
D803	G - 14	Q621	E - 19
		Q701	B - 13
D804	G - 14	Q702	C - 12
D901	B - 1	Q703	A - 14
D902	D - 1		
		Q704	B - 14
		Q705	B - 13
IC501	D - 8	Q706	B - 14
IC502	G - 7	Q707	C - 14
IC503	B - 7	Q708	D - 14
IC504	F - 18		
IC601	F - 15	Q751	B - 12
		Q801	G - 14
IC701	B - 12	Q802	E - 13
IC801	G - 13	Q901	C - 1
IC802	G - 12	Q902	D - 1
IC803	F - 12		
IC804	F - 11		
IC805	F - 10		
IC806	G - 18		

→ parts extracted from the component side

: parts extracted from the computer

: Pattern on the side which is seen

Abbreviation

• : Canadian

: German

: Australian

: Chinese

: Singapore

: Malaysia

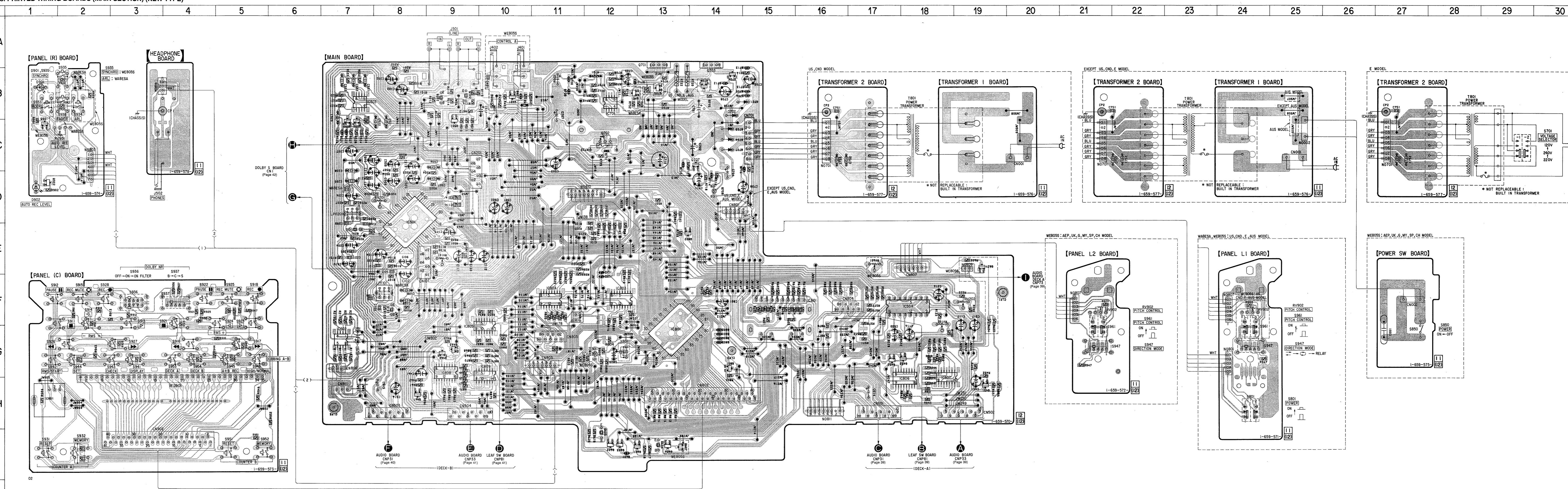
5-3 PRINTED WIRING BOARDS (MAIN SECTION) (NEW TYPE)

• SEMICONDUCTOR LOCATION

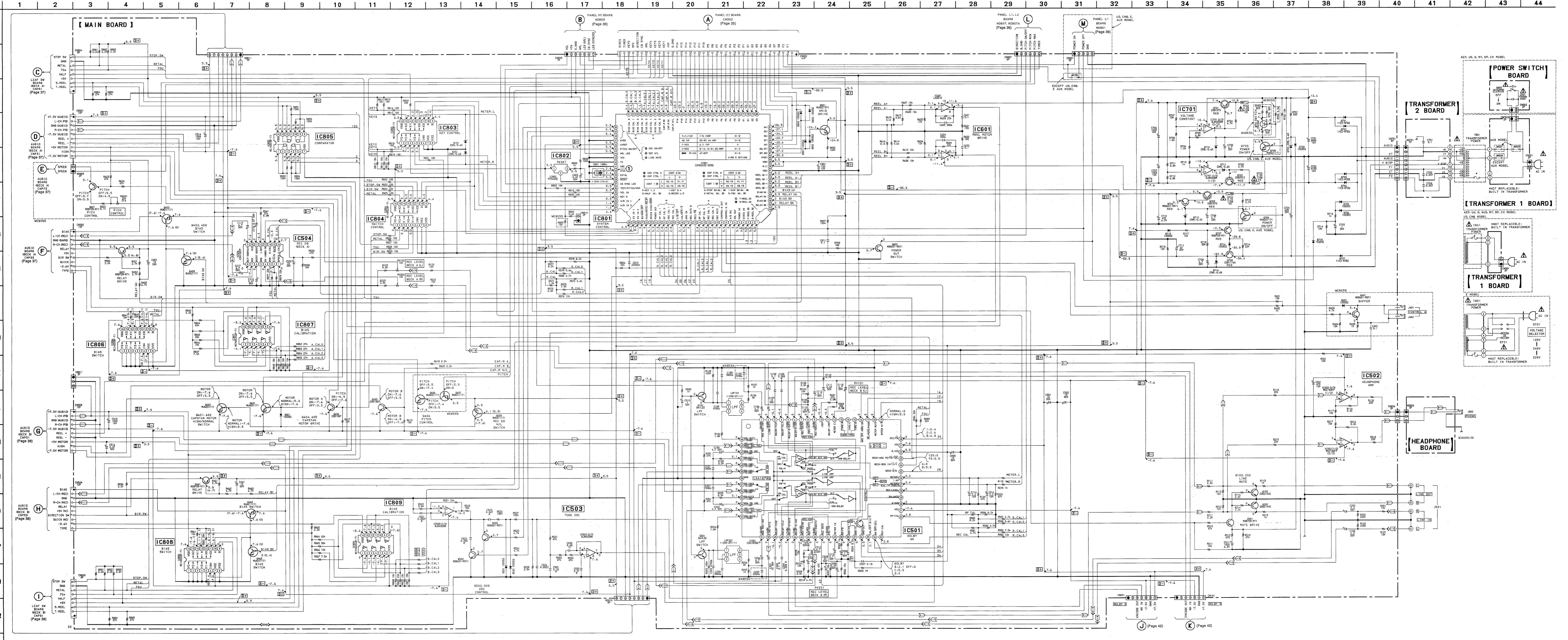
Ref. No.	Location	Ref. No.	Location
D151	E - 12	IC901	H - 1
D251	F - 12		
D401	B - 10	Q101	F - 8
D521	C - 7	Q102	B - 9
D522	C - 7	Q201	E - 7
D601	I - 12	Q202	B - 9
D701	B - 15	Q401	B - 10
D702	B - 14		
D703	C - 14	Q451	H - 19
D704	C - 14	Q452	G - 17
D705	B - 15	Q453	G - 18
D706	B - 15	Q461	H - 8
D707	C - 14	Q462	G - 9
D708	B - 11	Q463	G - 9
D709	B - 11	Q501	C - 9
D710	B - 12	Q502	O - 7
D711	C - 12	Q503	C - 7
D712	B - 14	Q601	I - 12
D713	A - 15	Q602	I - 12
D714	D - 14	Q603	I - 12
D715	C - 13	Q604	I - 13
D716	C - 14	Q605	I - 12
D801	G - 14	Q606	I - 13
D802	G - 14		
D803		Q607	I - 13
D804	G - 14	Q621	E - 19
D901	B - 1	Q701	B - 13
D902	D - 1	Q702	C - 12
IC501	D - 8	Q703	A - 14
IC502	G - 7		
IC503	B - 7	Q704	B - 14
IC504	F - 18	Q705	B - 13
IC601	F - 15	Q706	B - 14
IC701	B - 12	Q707	C - 14
IC801	G - 13	Q708	D - 14
IC802	G - 12		
IC803	F - 12	Q751	B - 12
IC804	F - 11	Q801	E - 14
IC805	F - 10	Q802	E - 13
IC806	G - 18	Q901	C - 1
IC807	G - 18	Q902	D - 1
IC808	G - 9		
IC809	G - 10		

Note:

- : parts extracted from the component side.
- : Pattern on the side which is seen.
- Abbreviation
- CND : Canadian
- G : German
- AUS : Australian
- CH : Chinese
- SP : Singapore
- MY : Malaysia



5-4. SCHEMATIC DIAGRAM (MAIN SECTION)

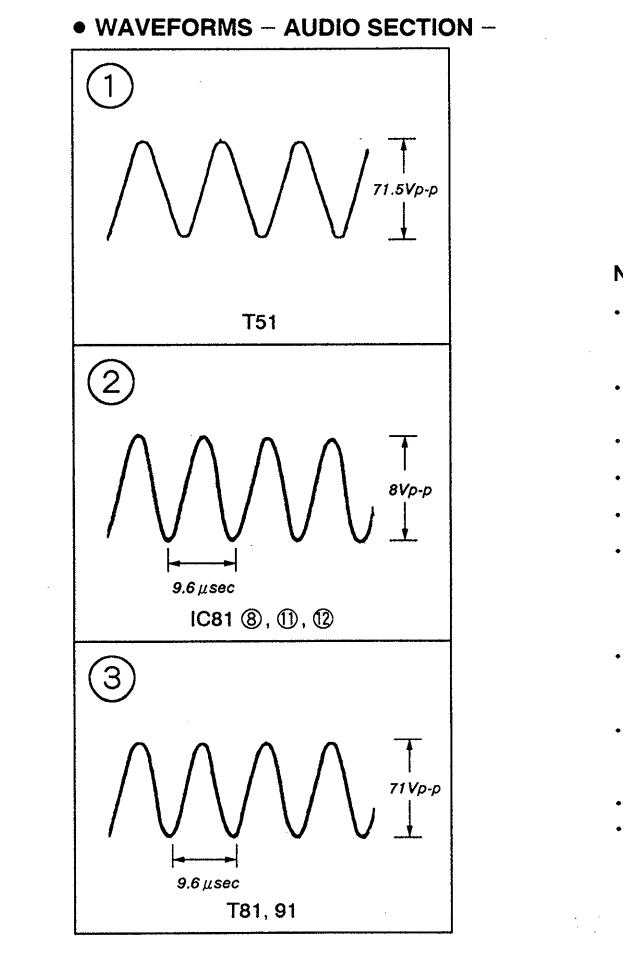
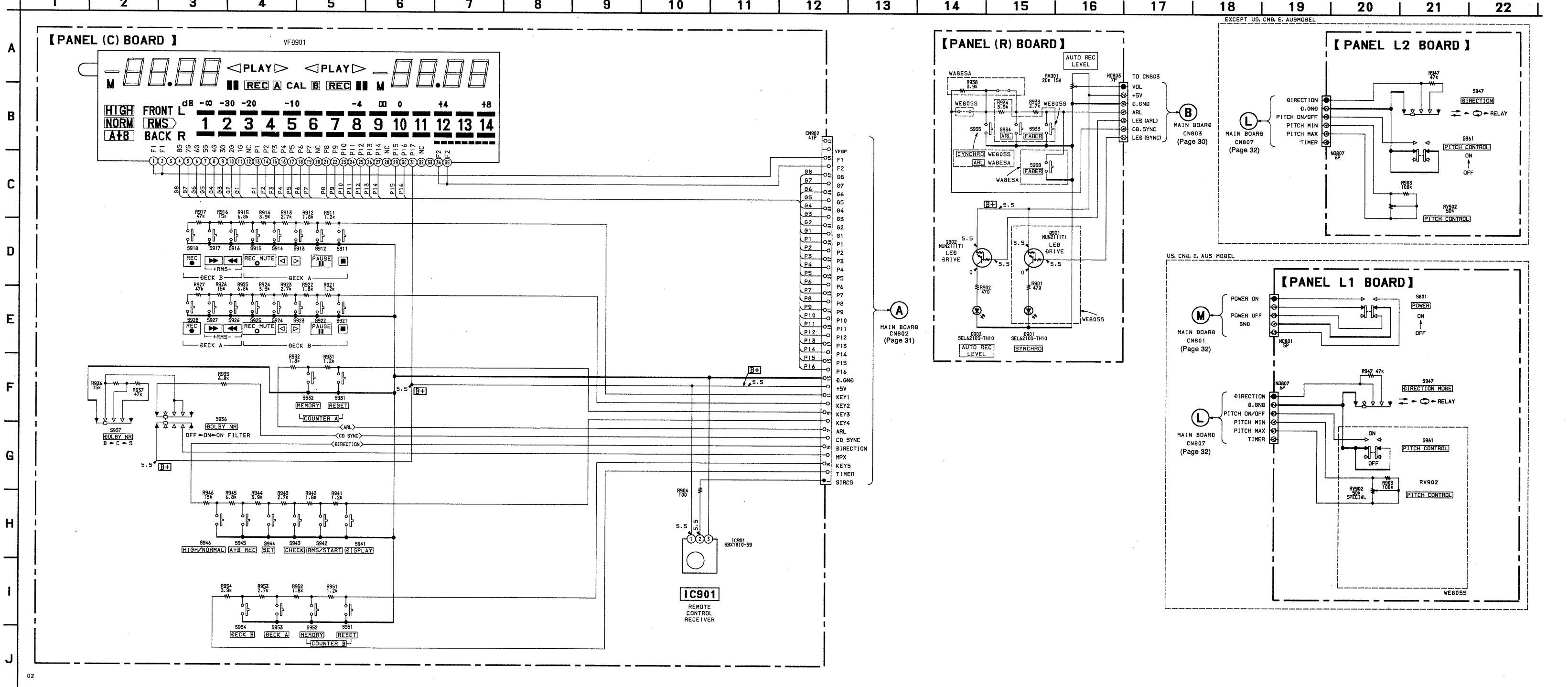


• WAVEFORMS – AUDIO SECTION –

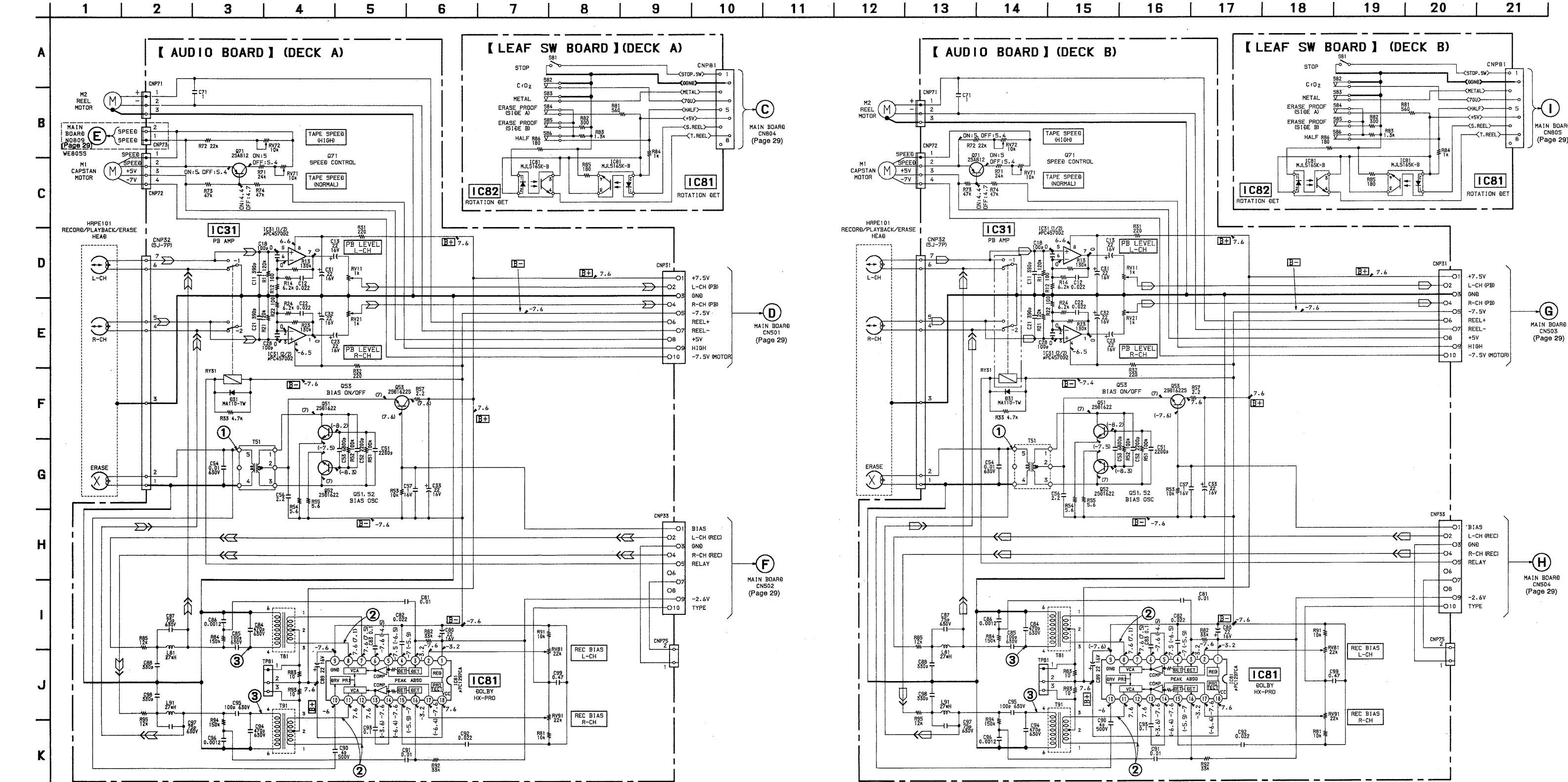
Note :

- All capacitors are in μ F unless otherwise noted. pF: μ F 50V or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4$ W or less unless otherwise specified.
- \square : B+ : B+ Line
- \square : B- : B- Line
- \square : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- no mark : STOP
- () : REC
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- \rightarrow : PB (DECK-A)
- \rightarrow : REC (DECK-A)
- \square : PB (DECK-B)
- \rightarrow : REC (DECK-B)

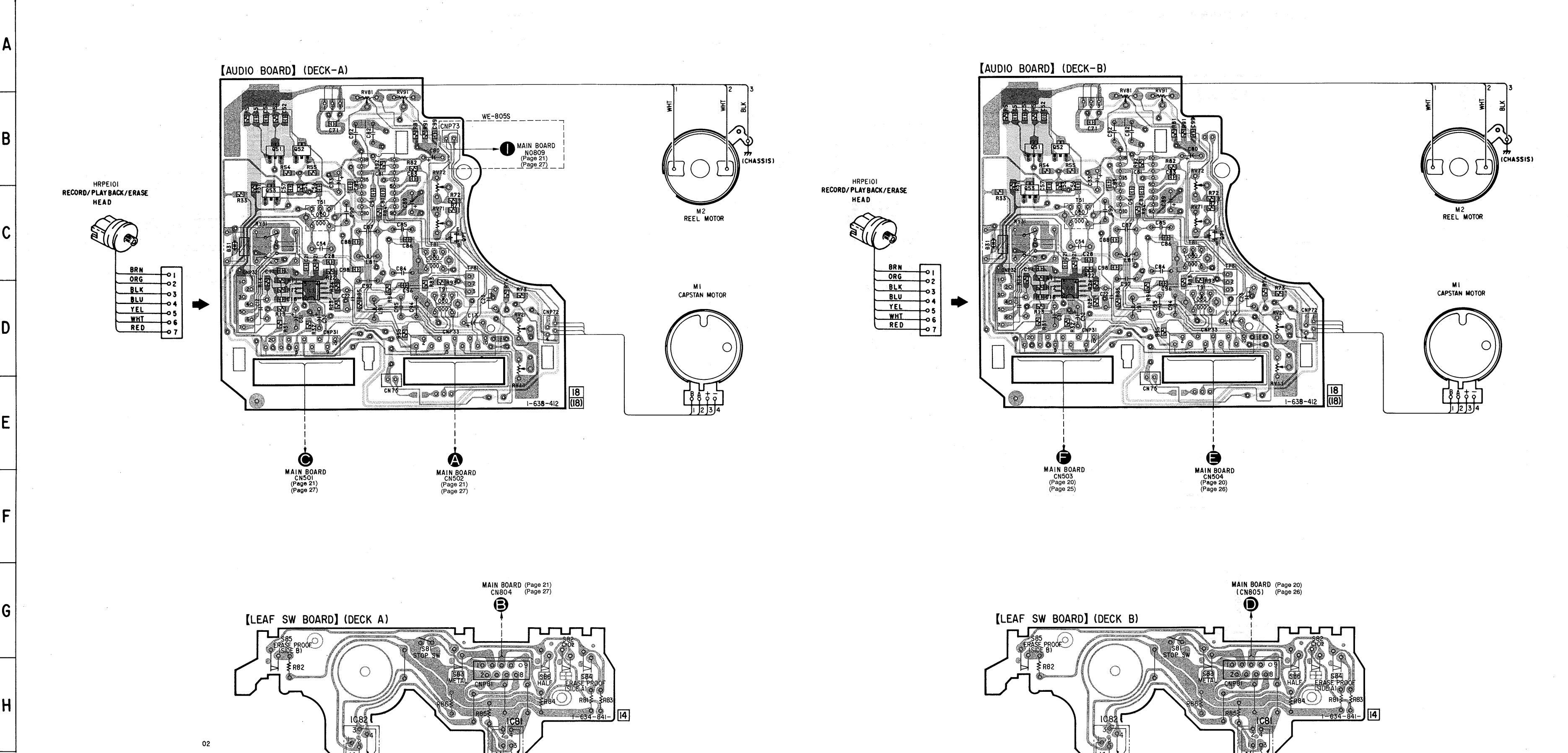
5-5. SCHEMATIC DIAGRAM (PANEL SECTION)



5-6. SCHEMATIC DIAGRAM (AUDIO SECTION)

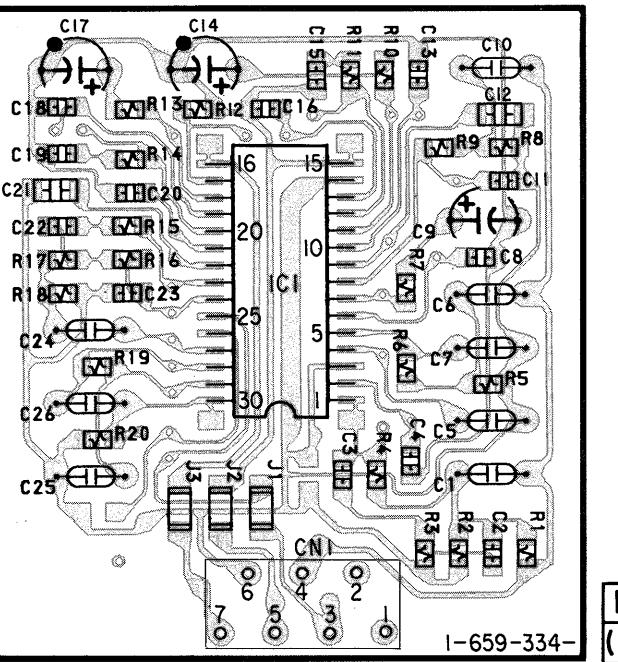


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----



5-8. PRINTED WIRING BOARDS (DOLBY SECTION)

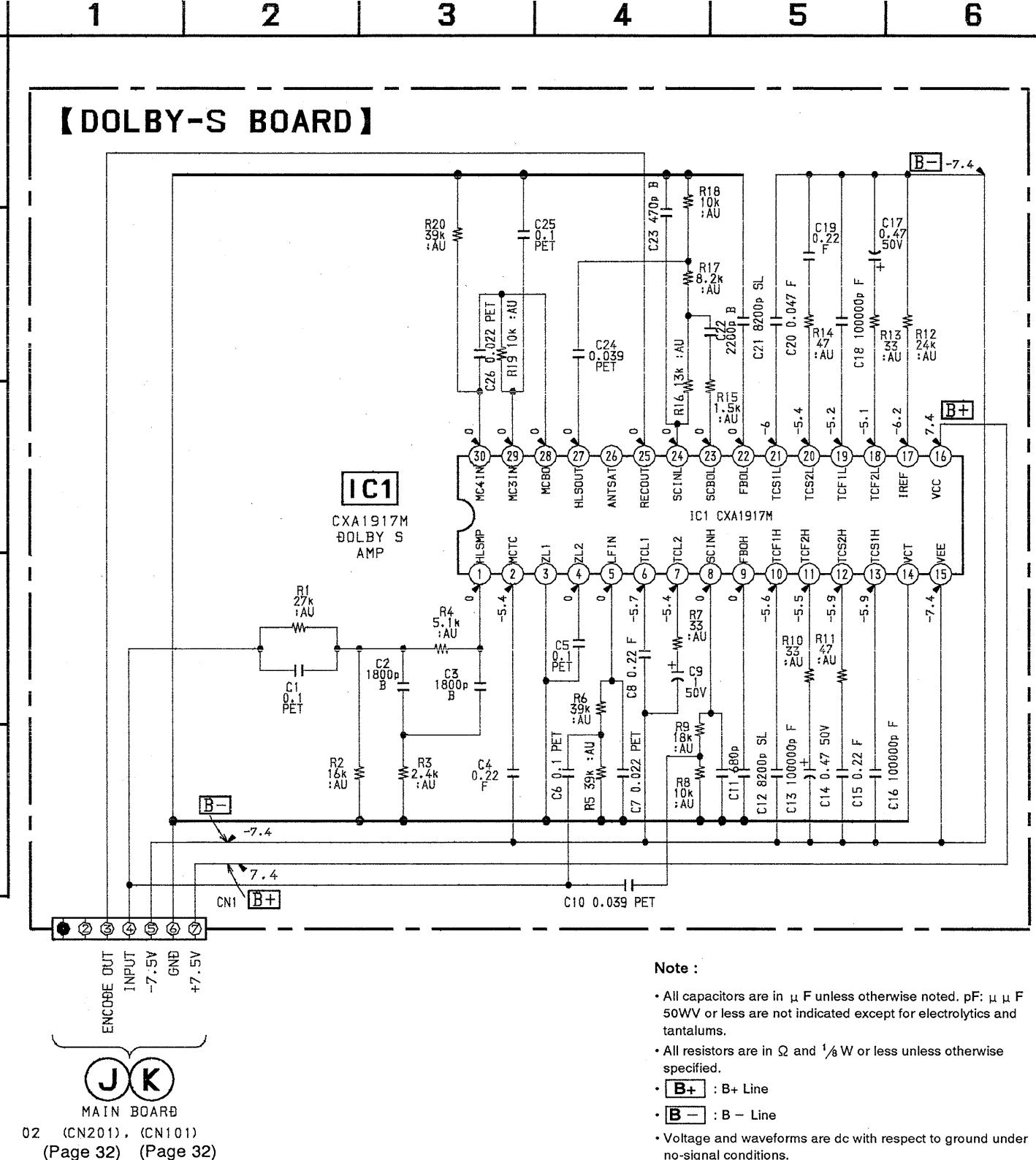
DOLBY S BOARD】



Note:

- : parts extracted from the component side.
- : Pattern on the side which is seen.

. SCHEMATIC DIAGRAM (DOLBY SECTION)

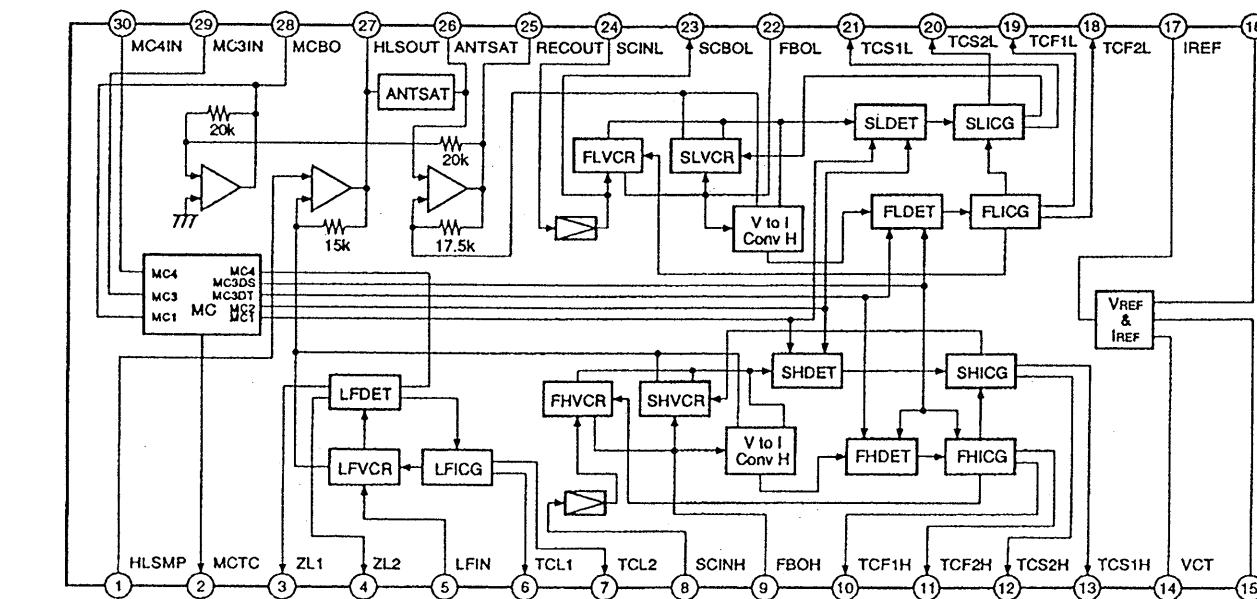


te i

citors are in μ F unless otherwise noted. pF: μ μ F
r less are not indicated except for electrolytics and
ns.
tors are in Ω and $1/8$ W or less unless otherwise
d.
: B+ Line
: B - Line
and waveforms are dc with respect to ground under
al conditions.
k : STOP
s are taken with a VOM (Input impedance $10M\ \Omega$).
variations may be noted due to normal production
es.
e variations may be noted due to normal production
ces.

● IC BLOCK DIAGRAM

IC1 CXA1917M-T6



SECTION 6 EXPLODED VIEWS

NOTE :

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked “ * ” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

● Abbreviation

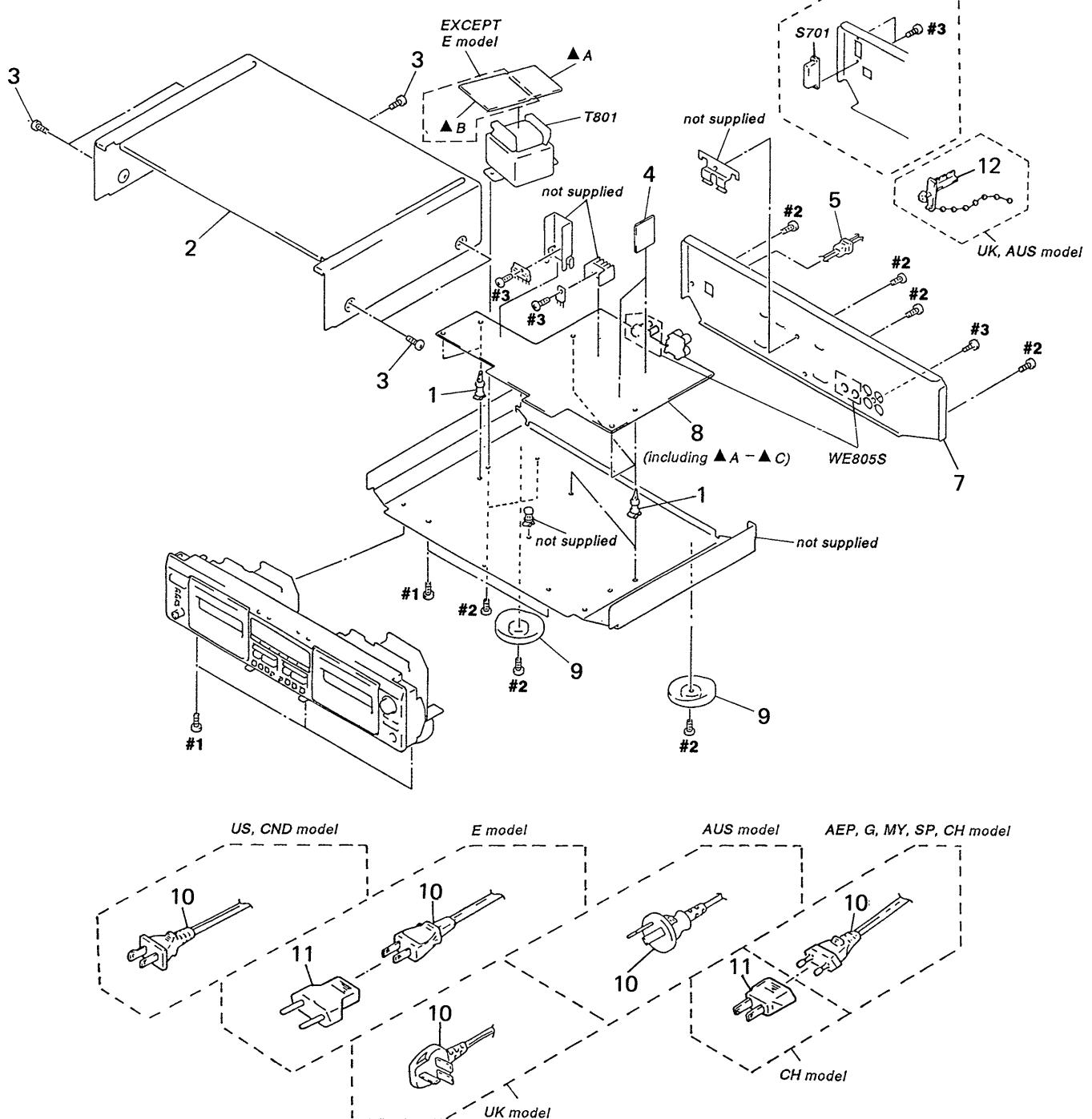
CND : Canadian	AUS : Australian
CH : Chinese	MY : Malaysia
SP : Singapore	G : German

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS SECTION

▲ A : TRANSFORMER2 BOARD
▲ B : TRANSFORMER1 BOARD

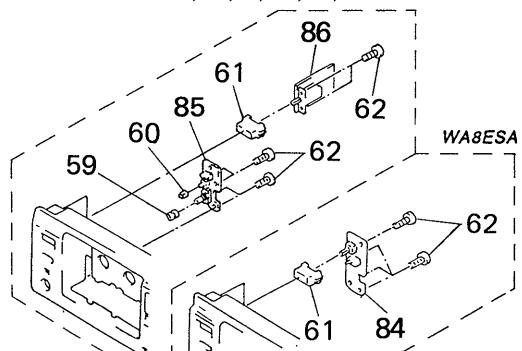


Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 1	3-346-265-31	HOLDER, PC BOARD		9	X-4947-208-1	FOOT ASSY (F50150S) (US,CND)	
* 2	3-931-432-01	CASE (410726)		9	X-4947-207-1	FOOT ASSY (F50150S) (EXCEPT US,CND)	
3	3-704-366-01	SCREW (CASE) (M3X8)		△ 10	1-551-188-XX	CORD, POWER (E)	
* 4	A-2007-481-A	DOLBY-S BOARD, COMPLETE		△ 10	1-558-945-21	CORD, POWER (POLAR,SPT-1) (US,CND)	
* 5	3-703-244-00	BUSHING (2104), CORD (EXCEPT US,CND,E)		△ 10	1-575-651-21	CORD, POWER (AEP,G,MY,SP,CH)	
5	3-703-571-11	BUSHING (S) (4516), CORD (US,CND,E)		△ 10	1-696-586-11	CORD, POWER (UK)	
* 7	3-931-247-01	PANEL, BACK (WE805S:US)		△ 10	1-696-845-11	CORD, POWER (AUS)	
* 7	3-931-247-11	PANEL, BACK (WE805S:CND)		△ 10	1-751-523-11	CORD, POWER (UK)	
* 7	3-931-247-21	PANEL, BACK (WE805S:AEP,G,MY,SP,CH)		△ 11	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
* 7	3-931-247-31	PANEL, BACK (WE805S:UK)		△ 11	1-569-008-21	ADAPTER, CONVERSION 2P (CH)	
* 7	3-931-247-41	PANEL, BACK (WE805S:E)		12	4-956-370-12	BAND, PLUG FIXED (UK,AUS)	
* 7	3-931-247-51	PANEL, BACK (WE805S:AUS)		△ S701	1-692-155-11	VOLTAGE SELECTOR(VOLTAGE SELECTOR) (E)	
* 7	3-932-543-21	PANEL, BACK (WA8ESA)		△ T801	1-427-782-11	TRANSFORMER, POWER (US,CND)	
* 8	A-2007-496-A	MAIN BOARD, COMPLETE (WE805S:US,CND,E, AUS)		△ T801	1-427-783-11	TRANSFORMER, POWER (EXCEPT US,CND,E)	
* 8	A-2007-512-A	MAIN BOARD COMPLETE (WA8ESA)		△ T801	1-427-784-11	TRANSFORMER, POWER (E)	
* 8	A-2007-559-A	MAIN BOARD, COMPLETE (WE805S:AEP,UK,G, MY,SP,CH)					

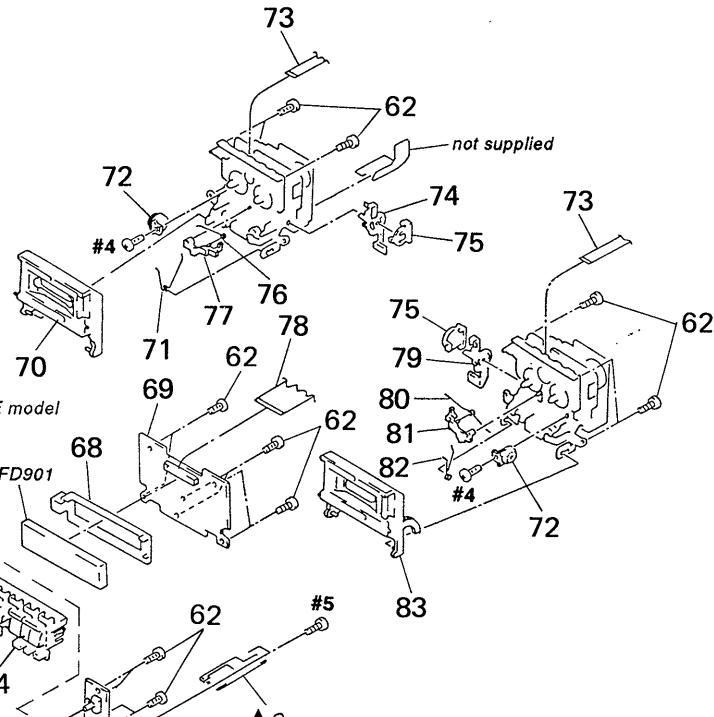
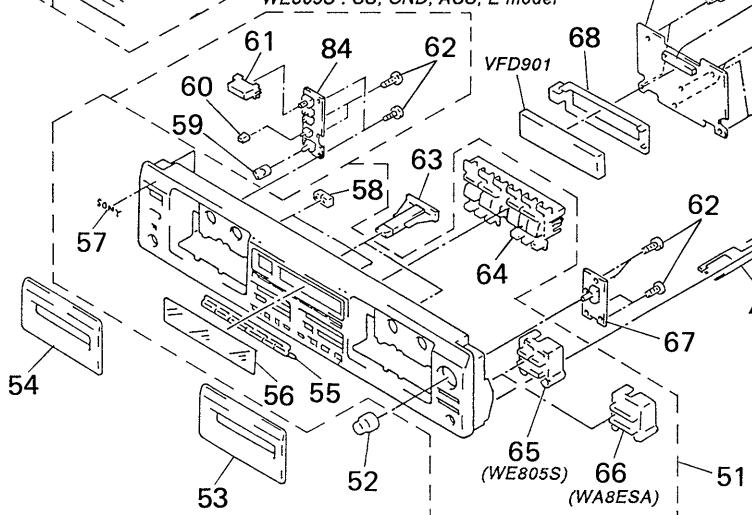
6-2. FRONT PANEL SECTION

▲ C : HEADPHONE BOARD

WE805S : AEP, UK, G, MY, SP, CH model



WE805S : US, CND, AUS, E model



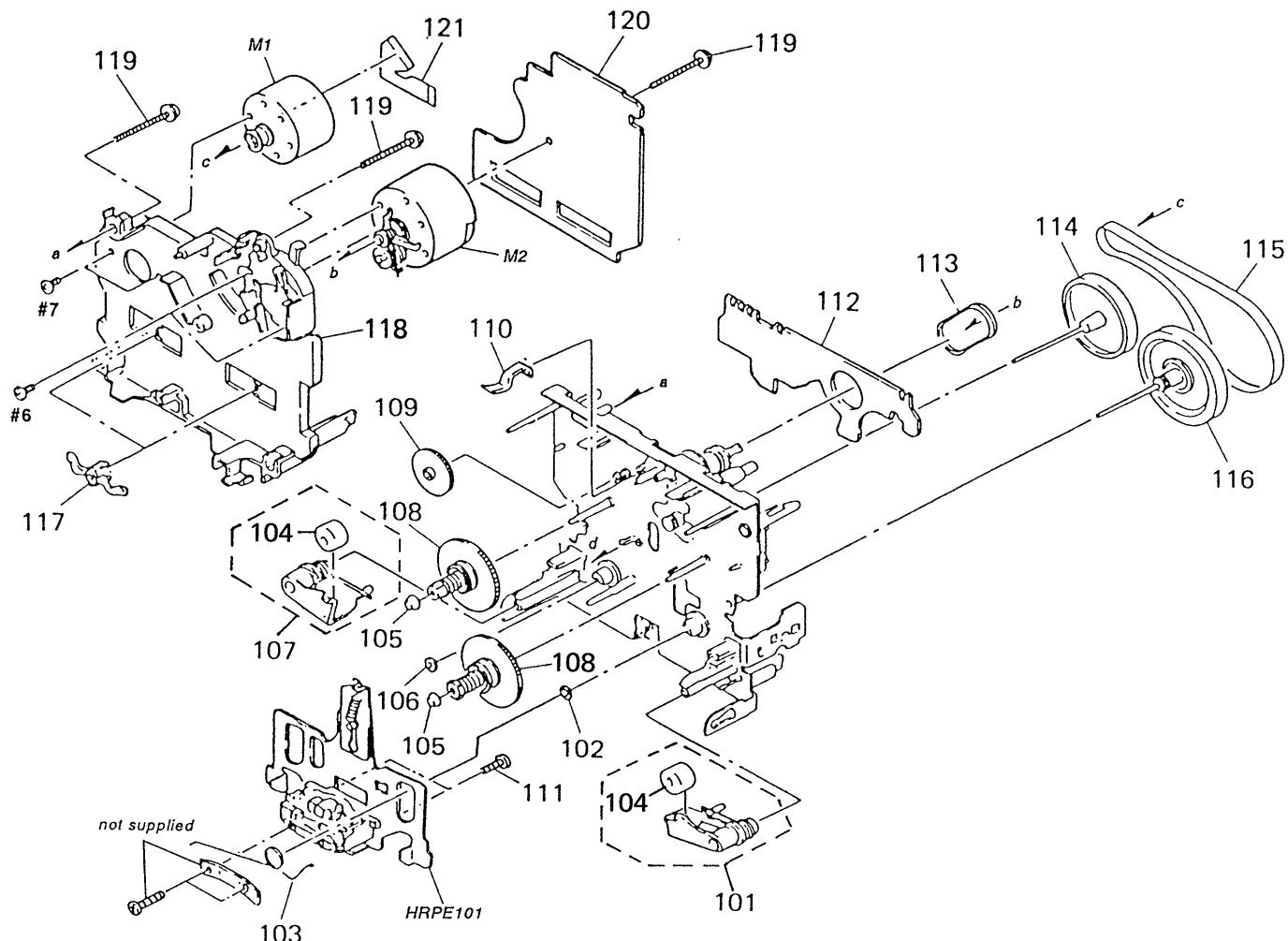
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-3371-362-1	PANEL ASSY, FRONT (WE805S:US,CND)		* 67	A-2007-499-A	PANEL (R) BOARD (WE805S)	
51	X-3371-364-1	PANEL ASSY, FRONT (WE805S:AEP,UK,G,E,AUS, MY,SP,CH)		* 68	3-377-337-11	HOLDER (FL)	
51	X-3371-569-1	PANEL (ES) ASSY, FRONT (WA8ESA:US)		* 69	A-2007-498-A	PANEL (C) BOARD, COMPLETE (WE805S)	
51	X-3371-570-1	PANEL (ES) ASSY, FRONT (WA8ESA:CND)		* 69	A-2007-512-A	PANEL (C) BOARD,COMPLETE (WA8ESA)	
52	3-931-430-11	KNOB (REC)		70	X-4945-947-1	HOLDER (L) ASSY, CASSETTE	
53	X-3371-367-1	LID (HF) ASSY (B), CASSETTE (WE805S)		71	4-959-231-11	SPRING (L), TORSION	
53	X-3371-572-1	LID (ES) ASSY (B), CASSETTE (WA8ESA)		72	3-354-963-01	DAMPER	
54	X-3371-366-1	LID (HF) ASSY (A), CASSETTE (WE805S)		73	1-769-916-11	WIRE (FLAT TYPE) (9 CORE)	
54	X-3371-571-1	LID (ES) ASSY (A), CASSETTE (WA8ESA)		* 74	3-354-953-01	LEVER (LOCK LEVER L)	
55	3-931-238-01	BUTTON (RMS-8)		75	3-354-957-01	JOINT (LOCK LEVER)	
56	3-931-248-11	WINDOW (M) (EXCEPT CND)		76	3-354-961-01	SPRING (EJ SAFTY SPRING L)	
56	3-931-248-21	WINDOW (M) (CND)		77	3-354-955-01	LEVER (EJ SAFTY LEVER L)	
57	4-963-404-21	EMBLEM (5-A), SONY		78	1-769-598-11	WIRE (FLAT TYPE) (41 CORE)	
58	3-931-243-01	BUTTON (COUNTER)		* 79	3-354-954-01	LEVER (LOCK LEVER R)	
59	3-931-378-01	KNOB (F10) (WE805S)		80	3-354-962-01	SPRING (EJ SAFTY SPRING R)	
60	3-380-952-21	BUTTON (WE805S)		81	3-354-956-01	LEVER (EJ SAFTY LEVER R)	
61	3-931-429-01	BUTTON (POWER) (WE805S)		82	4-959-232-11	SPRING (R), TORSION	
61	4-922-921-31	BUTTON (POWER) (WA8ESA)		83	X-4945-946-1	HOLDER (R) ASSY, CASSETTE	
62	4-951-620-01	SCREW (2.6X8), +BVTP		* 84	A-2007-512-A	PANEL L1 BOARD, COMPLETE (WA8ESA)	
63	3-937-375-01	BUTTON (EJ) (WA8ESA)		* 84	A-2007-497-A	PANEL L1 BOARD, COMPLETE (WE805S:US, CND,E,AUS)	
63	3-931-427-11	BUTTON (EJ) (WE805S)		* 85	1-659-572-11	PANEL L2 BOARD (WE805S:AEP,UK,G,MY,SP, CH)	
64	3-931-240-01	BUTTON (WR)		* 86	1-659-575-11	POWER SW BOARD (WE805S:AEP,UK,G, MY,SP,CH)	
65	X-3371-370-1	BUTTON (SYNCHRO) ASSY (WE805S)		VFD901	1-517-263-11	INDICATOR TUBE, FLUORESCENT	
66	3-931-242-01	BUTTON (ARL) (WA8ESA)					
* 67	A-2007-512-A	PANEL (R) BOARD, COMPLETE (WA8ESA)					

6-3. MECHANISM SECTION 1

DECK-A : TCM-190RB11C (TC-WA8ESA)

TCM-190RB13C (TC-WE805S)

DECK-B : TCM-190RB11C



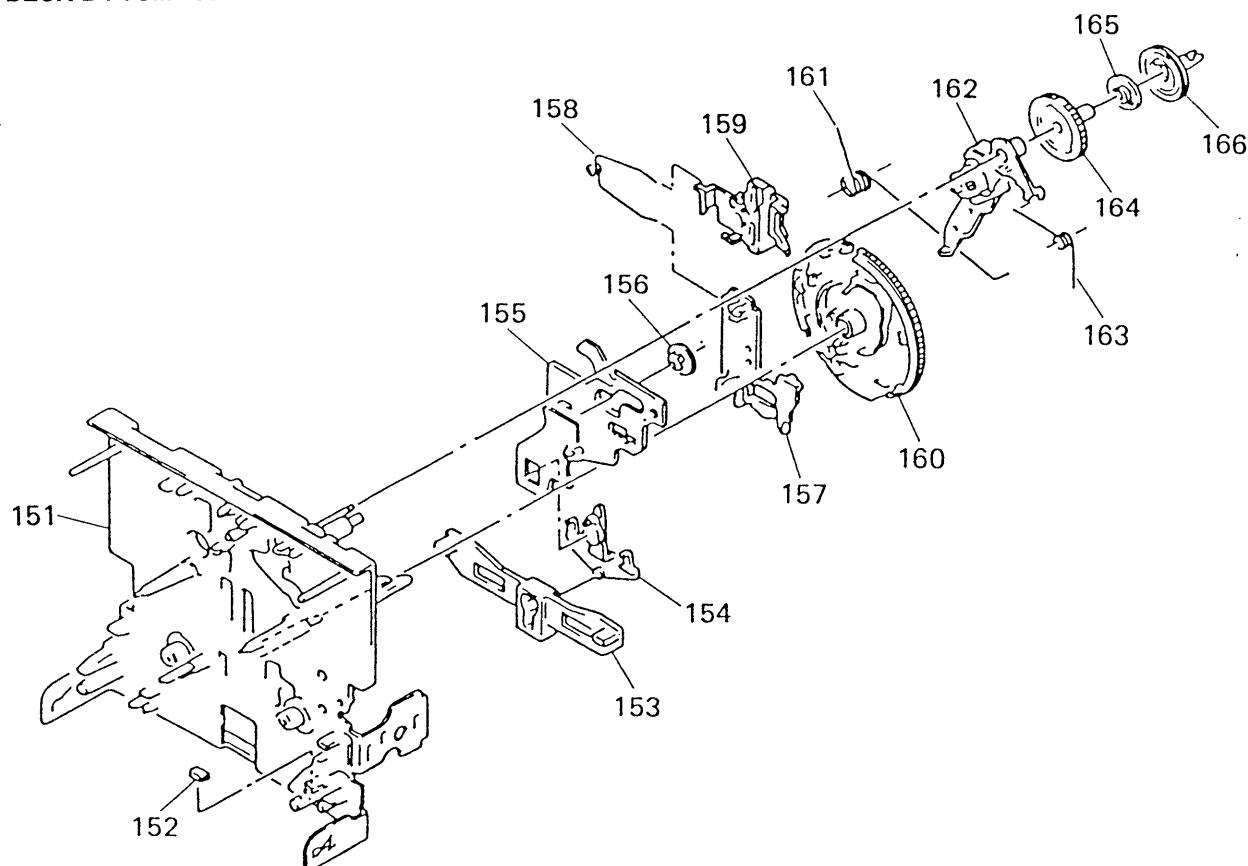
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	X-3366-047-1	LEVER (PINCH F) ASSY		114	X-3367-630-1	FLYWHEEL (REV) ASSY	
102	3-356-713-01	WASHER		115	3-359-417-01	BELT (FLAT), CAPSTAN	
103	3-907-362-01	SPRING, TORSION		116	X-3367-629-1	FLYWHEEL (FWD) ASSY	
104	3-355-808-02	PINCH ROLLER		117	3-575-321-00	RETAINER, THRUST, CAPSTAN	
105	3-362-308-01	CAP (REEL)		118	3-359-436-11	BASE (THRUST RETAINER),FITTING	
106	3-356-714-01	WASHER		119	3-359-414-01	SCREW (+PTPWH 2X23)	
107	X-3366-048-1	LEVER (PINCH R) ASSY		* 120	A-2007-040-A	AUDIO BOARD, COMPLETE (WA8ESA)	
108	X-3366-971-1	TABLE ASSY (B), REEL		* 120	A-2007-509-A	AUDIO BOARD, COMPLETE (WE805S)	
109	3-359-424-01	GEAR (REV GEAR)		121	1-638-983-11	MOTOR FLEXIBLE BOARD	
110	3-359-430-01	SPRING(CASSETTE RETAINER),LEAF		HRPE101A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE)		
111	3-388-848-01	SCREW (P2X6) (B TIGHT)		M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
* 112	1-634-841-14	LEAF SW BOARD		M2	X-3363-501-2	MOTOR ASSY (REEL)	
113	3-359-466-01	BELT (FR), SQUARE					

6-4. MECHANISM SECTION 2

DECK-A : TCM-190RB11C (TC-WA8ESA)

TCM-190RB13C (TC-WE805S)

DECK-B : TCM-190RB11C



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	X-3359-415-1	CHASSIS ASSY MECHANICAL		159	3-359-429-01	SLIDER (BRAKE PLATE)	
152	3-359-469-01	SPACER		160	3-936-483-01	GEAR (CAM GEAR)	
153	3-359-425-01	SLIDER (REVERSE SLIDER)		161	3-359-456-01	SPRING(TRIGGER SPRING),TORSION	
154	3-359-426-01	LEVER (REVERSE LEVER)		162	X-3366-569-1	ARM ASSY, FR	
* 155	3-359-415-01	SLIDER (TRIGGER SLIDER)		163	3-924-185-11	SPRING (FR ARM), TORSION	
156	3-359-448-01	GEAR (TRIGGER)		164	3-359-419-11	GEAR (FR GEAR)	
157	3-359-427-01	SLIDER (LEVERSE SLIDER)		165	3-359-421-01	CLUTCH (REEL DISK)	
158	3-359-454-01	SPRING, TORSION		166	3-359-418-01	PULLEY (FR PULLEY)	

SECTION 3

ELECTRICAL PARTS LIST

NOTE :

● Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

● -XX; -X mean standardized parts, so they may have some difference from the original one.

● RESISTORS

All resistors are in ohms

METAL : Metal-film resistor

METAL OXIDE :Metal oxide-film resistor

F : nonflammable

● Items marked “ * ” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

● SEMICONDUCTORS

In each case, μ : μ , for example :

$uA....$: $\mu A....$, $uPA....$: $\mu PA....$

$uPB....$: $\mu PB....$, $uPC....$: $\mu PC....$

$uPD....$: $\mu PD....$

● CAPACITORS

uF : μF

● COILS

uH : μH

● Abbreviation

CND : Canadian

CH : Chinese

SP : Singapore

AUS : Australian

MY : Malaysia

G : German

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark		
*	A-2007-040-A	AUDIO BOARD, COMPLETE (WA8ESA)			C95	1-136-433-11	FILM	100PF	5% 630V	
*	A-2007-509-A	AUDIO BOARD, COMPLETE (WE805S)			C96	1-163-143-00	CERAMIC CHIP	0.0012uF	5% 50V	

< CAPACITOR >										
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C97	1-136-273-91	FILM	75PF	5% 630V
C12	1-136-157-00	FILM	0.022uF	5%	50V	C98	1-163-003-11	CERAMIC CHIP	330PF	10% 50V
C13	1-124-234-00	ELECT	22uF	20%	16V	C99	1-164-005-11	CERAMIC CHIP	0.47uF	25V
C18	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	< CONNECTOR >				
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	* CNP31	1-580-782-11	CONNECTOR, BOARD TO BOARD		
C22	1-136-157-00	FILM	0.022uF	5%	50V	* CNP32	1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P		
C23	1-124-234-00	ELECT	22uF	20%	16V	* CNP33	1-580-782-11	CONNECTOR, BOARD TO BOARD		
C28	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P		
C31	1-124-234-00	ELECT	22uF	20%	16V	CNP72	1-764-902-11	CONNECTOR, FFC/FPC 4P		
C32	1-124-234-00	ELECT	22uF	20%	16V	* CNP73	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P (DECK A) (WE805S)		
C33	1-124-234-00	ELECT	22uF	20%	16V	* CNP75	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P		
C51	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	< DIODE >				
C52	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	D31	8-719-404-46	DIODE MA110		
C53	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V	< IC >				
C54	1-136-601-11	FILM	0.01uF	5%	630V	IC31	8-759-106-02	IC uPC4570G2		
C56	1-164-505-11	CERAMIC CHIP	2.2uF		16V	IC81	8-759-106-56	IC uPC1297CA		
C57	1-164-346-11	CERAMIC CHIP	1uF		16V	< COIL >				
C71	1-164-346-11	CERAMIC CHIP	1uF		16V	L81	1-410-780-11	INDUCTOR	27mH	
C80	1-124-234-00	ELECT	22uF	20%	16V	L91	1-410-780-11	INDUCTOR	27mH	
C81	1-164-232-11	CERAMIC CHIP	0.01uF		50V	< TRANSISTOR >				
C82	1-136-157-00	FILM	0.022uF	5%	50V	Q51	8-729-808-01	TRANSISTOR 2SD1622-S		
C83	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	Q52	8-729-808-01	TRANSISTOR 2SD1622-S		
C84	1-136-478-11	FILM	470PF	5%	630V	Q53	8-729-808-01	TRANSISTOR 2SD1622-S		
C85	1-136-433-11	FILM	100PF	5%	630V	Q71	8-729-216-22	TRANSISTOR 2SA1162-G		
C86	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V	< RESISTOR >				
C87	1-136-273-91	FILM	75PF	5%	630V	R11	1-216-099-00	METAL CHIP	120K	5% 1/10W
C88	1-163-003-11	CERAMIC CHIP	330PF	10%	50V	R12	1-216-025-91	METAL GLAZE	100	5% 1/10W
C89	1-124-234-00	ELECT	22uF	20%	16V	R13	1-216-100-00	METAL GLAZE	130K	5% 1/10W
C90	1-107-584-11	CERAMIC	4PF		0.25PF500V					
C91	1-164-232-11	CERAMIC CHIP	0.01uF		50V					
C92	1-136-157-00	FILM	0.022uF	5%	50V					
C93	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V					
C94	1-136-478-11	FILM	470PF	5%	630V					

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark			
R14	1-216-068-00	METAL CHIP	6.2K	5%	1/10W	*	A-2007-481-A	DOLBY-S BOARD, COMPLETE	*****		
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W				*****		
R22	1-216-025-91	METAL GLAZE	100	5%	1/10W			< CAPACITOR >			
R23	1-216-100-00	METAL GLAZE	130K	5%	1/10W	C1	1-136-165-00	FILM	0.1uF	5%	50V
R24	1-216-068-00	METAL CHIP	6.2K	5%	1/10W	C2	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
R31	1-216-033-00	METAL CHIP	220	5%	1/10W	C3	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
R32	1-216-033-00	METAL CHIP	220	5%	1/10W	C4	1-164-222-11	CERAMIC CHIP	0.22uF	25V	
R33	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	C5	1-136-165-00	FILM	0.1uF	5%	50V
R51	1-216-097-91	METAL GLAZE	100K	5%	1/10W	C6	1-136-165-00	FILM	0.1uF	5%	50V
R52	1-216-097-91	METAL GLAZE	100K	5%	1/10W	C7	1-137-372-11	FILM	0.022uF	5%	50V
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W	C8	1-164-222-11	CERAMIC CHIP	0.22uF	25V	
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W	C9	1-126-301-11	ELECT	1uF	20%	50V
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W	C10	1-137-442-11	FILM	0.039uF	5%	50V
R57	1-216-298-00	METAL CHIP	2.2	5%	1/10W	C11	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
R71	1-216-082-00	METAL GLAZE	24K	5%	1/10W	C12	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W	C13	1-163-038-91	CERAMIC CHIP	0.1uF	25V	
R73	1-216-089-91	METAL GLAZE	47K	5%	1/10W	C14	1-124-465-00	ELECT	0.47uF	20%	50V
R74	1-216-089-91	METAL GLAZE	47K	5%	1/10W	C15	1-164-222-11	CERAMIC CHIP	0.22uF	25V	
R81	1-216-073-00	METAL CHIP	10K	5%	1/10W	C16	1-163-038-91	CERAMIC CHIP	0.1uF	25V	
R82	1-216-085-00	METAL CHIP	33K	5%	1/10W	C17	1-124-465-00	ELECT	0.47uF	20%	50V
R83	1-216-001-00	METAL CHIP	10	5%	1/10W	C18	1-163-038-91	CERAMIC CHIP	0.1uF	25V	
R84	1-216-101-00	METAL CHIP	150K	5%	1/10W	C19	1-164-222-11	CERAMIC CHIP	0.22uF	25V	
R85	1-216-075-00	METAL CHIP	12K	5%	1/10W	C20	1-163-035-00	CERAMIC CHIP	0.047uF	50V	
R91	1-216-073-00	METAL CHIP	10K	5%	1/10W	C21	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V
R92	1-216-085-00	METAL CHIP	33K	5%	1/10W	C22	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
R93	1-216-001-00	METAL CHIP	10	5%	1/10W	C23	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
R94	1-216-101-00	METAL CHIP	150K	5%	1/10W	C24	1-137-442-11	FILM	0.039uF	5%	50V
R95	1-216-075-00	METAL CHIP	12K	5%	1/10W	C25	1-136-165-00	FILM	0.1uF	5%	50V
		< VARIABLE RESISTOR >			C26	1-137-372-11	FILM	0.022uF	5%	50V	
RV11	1-241-761-11	RES, ADJ, CARBON 1K (PB LEVEL L-CH)						< CONNECTOR >			
RV21	1-241-761-11	RES, ADJ, CARBON 1K (PB LEVEL R-CH)				CN1	1-695-092-11	SOCKET, CONNECTOR 7P			
RV71	1-241-630-11	RES, ADJ, CARBON 10K (TAPE SPEED NORMAL)						< IC >			
RV72	1-241-630-11	RES, ADJ, CARBON 10K (TAPE SPEED HIGH)				IC1	8-752-070-70	IC CXA1917M-T6			
RV81	1-241-786-11	RES, ADJ, CARBON 22K (REC BIAS L-CH)						< JUMPER RESISTOR >			
RV91	1-241-786-11	RES, ADJ, CARBON 22K (REC BIAS R-CH)				J1	1-216-296-00	METAL CHIP	0	5%	1/8W
		< RELAY >			J2	1-216-296-91	METAL CHIP	0	5%	1/8W	
RY31	1-515-913-11	RELAY				J3	1-216-296-91	METAL CHIP	0	5%	1/8W
		< TRANSFORMER >									
T51	1-406-417-11	COIL, BIAS OSCILLATION						< RESISTOR >			
T81	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR				R1	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
T91	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR				R2	1-208-811-11	METAL GLAZE	16K	2%	1/10W
		< CONNECTOR >			R3	1-208-791-11	METAL GLAZE	2.4K	2%	1/10W	
* TP81	1-568-449-11	HOUSING, CONNECTOR(PC BOARD)3P			R4	1-208-799-11	METAL GLAZE	5.1K	2%	1/10W	
		*****			R5	1-216-689-11	METAL CHIP	39K	0.5%	1/10W	
		*****			R6	1-216-689-11	METAL CHIP	39K	0.5%	1/10W	
		*****			R7	1-216-615-11	METAL CHIP	33	0.5%	1/10W	
		*****			R8	1-208-462-41	METAL GLAZE	10K	2%	1/10W	

TRANSFORMER 1 **TRANSFORMER 2**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark	
R9	1-208-812-11	METAL GLAZE	18K	2%	1/10W	*	A-2007-496-A	MAIN BOARD, COMPLETE (WE805S:US,CND,E, AUS)
R10	1-216-615-11	METAL CHIP	33	0.5%	1/10W	*	A-2007-512-A	MAIN BOARD, COMPLETE (WA8ESA)
R11	1-216-619-11	METAL CHIP	47	0.5%	1/10W	*	A-2007-559-A	MAIN BOARD, COMPLETE (WE805S:AEP,UK,G, MY,SP,CH) *****
R12	1-216-684-11	METAL CHIP	24K	0.5%	1/10W			
R13	1-216-615-11	METAL CHIP	33	0.5%	1/10W			
R14	1-216-619-11	METAL CHIP	47	0.5%	1/10W			
R15	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W			HEADPHONE BOARD *****
R16	1-216-678-11	METAL CHIP	13K	0.5%	1/10W			TRANSFORMER 1 BOARD (EXCEPT E) *****
R17	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W			TRANSFORMER 2 BOARD *****
R18	1-208-462-41	METAL GLAZE	10K	2%	1/10W			
R19	1-208-462-41	METAL GLAZE	10K	2%	1/10W			
R20	1-216-689-11	METAL CHIP	39K	0.5%	1/10W			

				7-685-646-79		SCREW +BVTP 3X8 TYPE2 IT-3		

< CAPACITOR >								
*	1-634-841-14	LEAF SW BOARD	*****	C102	1-124-925-11	ELECT	2.2uF 20% 100V	
				C103	1-163-017-00	CERAMIC CHIP	0.0047uF 5% 50V	
		< CONNECTOR >		C104	1-126-963-11	ELECT	4.7uF 20% 50V	
*	CNP81	1-568-852-11	SOCKET, CONNECTOR 9P	C105	1-164-161-11	CERAMIC CHIP	0.0022uF 10% 100V (WA8ESA)	
				C106	1-126-963-11	ELECT	4.7uF 20% 50V	
		< IC >		C107	1-126-964-11	ELECT	10uF 20% 50V	
IC81	8-749-924-10	IC NJL5165K-B(H1)		C108	1-130-495-00	MYLAR	0.1uF 5% 50V	
IC82	8-749-924-10	IC NJL5165K-B(H1)		C109	1-130-493-00	MYLAR	0.068uF 5% 50V	
				C110	1-126-964-11	ELECT	10uF 20% 50V	
< RESISTOR >								
R81	1-249-414-11	CARBON	560	5%	1/4W	C111	1-124-902-00	ELECT 0.47uF 20% 50V
R82	1-247-818-11	CARBON	300	5%	1/4W	C112	1-126-963-11	ELECT 4.7uF 20% 50V
R83	1-247-834-11	CARBON	1.3K	5%	1/4W	C113	1-126-963-11	ELECT 4.7uF 20% 50V
R84	1-249-417-11	CARBON	1K	5%	1/4W	C114	1-135-149-21	TANTALUM CHIP 2.2uF 20% 10V
R85	1-249-408-11	CARBON	180	5%	1/4W	C116	1-124-902-00	ELECT 0.47uF 20% 50V
R86	1-249-408-11	CARBON	180	5%	1/4W	C117	1-126-963-11	ELECT 4.7uF 20% 50V
		< SWITCH >		C121	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V	
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP)		C199	1-163-016-00	CERAMIC CHIP	0.0039uF 10% 50V	
S82	1-571-281-21	SWITCH, LEAF (CrO2)		C202	1-124-925-11	ELECT	2.2uF 20% 100V	
S83	1-571-281-21	SWITCH, LEAF (METAL)		C203	1-163-017-00	CERAMIC CHIP	0.0047uF 5% 50V	
S84	1-571-281-21	SWITCH, LEAF (ERASE PROOF)(SIDE A)		C204	1-126-963-11	ELECT	4.7uF 20% 50V	
S85	1-571-281-21	SWITCH, LEAF (ERASE PROOF)(SIDE B)		C205	1-164-161-11	CERAMIC CHIP	0.0022uF 10% 100V (WA8ESA)	
S86	1-571-281-21	SWITCH, LEAF (HALF)		C206	1-126-963-11	ELECT	4.7uF 20% 50V	

				C207	1-126-964-11	ELECT	10uF 20% 50V	
				C208	1-130-495-00	MYLAR	0.1uF 5% 50V	
				C209	1-130-493-00	MYLAR	0.068uF 5% 50V	
				C210	1-126-964-11	ELECT	10uF 20% 50V	
				C211	1-124-902-00	ELECT	0.47uF 20% 50V	
				C212	1-126-963-11	ELECT	4.7uF 20% 50V	
				C213	1-126-963-11	ELECT	4.7uF 20% 50V	
				C214	1-135-149-21	TANTALUM CHIP	2.2uF 20% 10V	
				C216	1-124-902-00	ELECT	0.47uF 20% 50V	
				C217	1-126-963-11	ELECT	4.7uF 20% 50V	
				C221	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V	
				C299	1-163-016-00	CERAMIC CHIP	0.0039uF 10% 50V	
				C401	1-165-319-11	CERAMIC CHIP	0.1uF 50V (WE805S)	
				C451	1-126-964-11	ELECT	10uF 20% 50V	

MAIN	HEADPHONE	TRANSFORMER 1	TRANSFORMER 2
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Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark
C461	1-126-964-11	ELECT	10uF	20%	50V	CN701	1-766-269-11	PIN, CONNECTOR (PC BOARD) 7P
C501	1-126-964-11	ELECT	10uF	20%	50V	* CN801	1-568-954-11	PIN, CONNECTOR 5P (US,CND,E,AUS)
C502	1-126-964-11	ELECT	10uF	20%	50V	CN802	1-770-246-11	SOCKET, CONNECTOR 41P
C503	1-126-964-11	ELECT	10uF	20%	50V	* CN803	1-568-934-11	PIN, CONNECTOR 7P
C505	1-124-903-11	ELECT	1uF	20%	50V	* CN804	1-568-828-11	SOCKET, CONNECTOR 9P
C506	1-130-491-00	FILM	0.047uF	5%	50V	* CN805	1-568-828-11	SOCKET, CONNECTOR 9P
C507	1-130-498-00	FILM	0.18uF	5%	50V	CN806	1-506-468-11	PIN, CONNECTOR 3P
C508	1-124-902-00	ELECT	0.47uF	20%	50V	* CN807	1-568-955-11	PIN, CONNECTOR 6P
C509	1-126-965-11	ELECT	22uF	20%	50V	* CN810	1-560-060-00	PIN, CONNECTOR 2P
C510	1-124-903-11	ELECT	1uF	20%	50V	CN811	1-564-506-11	PLUG, CONNECTOR 3P
C511	1-126-916-11	ELECT	1000uF	20%	6.3V	< DIODE >		
C514	1-126-952-11	ELECT	1000uF	20%	16V	D151	8-719-019-12	DIODE ZSML-5.6X-T1
C515	1-126-952-11	ELECT	1000uF	20%	16V	D251	8-719-019-12	DIODE ZSML-5.6X-T1
C516	1-124-902-00	ELECT	0.47uF	20%	50V	D401	8-719-016-74	DIODE 1SS352 (WE805S)
C521	1-130-476-00	MYLAR	0.0027uF	5%	50V	D521	8-719-016-74	DIODE 1SS352
C522	1-130-494-11	MYLAR	0.082uF	5%	50V	D522	8-719-016-74	DIODE 1SS352
C523	1-130-491-00	MYLAR	0.047uF	5%	50V	D601	8-719-016-74	DIODE 1SS352
C524	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	D701	8-719-200-23	DIODE 11E2-NTB2
C530	1-126-965-11	ELECT	22uF	20%	50V	D702	8-719-200-23	DIODE 11E2-NTB2
C531	1-136-168-00	FILM	0.18uF	5%	50V	D703	8-719-200-23	DIODE 11E2-NTB2
C532	1-130-483-00	MYLAR	0.01uF	5%	50V	D704	8-719-200-23	DIODE 11E2-NTB2
C533	1-136-175-00	FILM	0.68uF	5%	50V	D705	8-719-016-74	DIODE 1SS352
C601	1-165-319-11	CERAMIC CHIP	0.1uF	50V		D706	8-719-016-74	DIODE 1SS352
C602	1-165-319-11	CERAMIC CHIP	0.1uF	50V		D707	8-719-200-23	DIODE 11E2-NTB2
C603	1-163-003-11	CERAMIC CHIP	330PF	10%	50V	D708	8-719-016-74	DIODE 1SS352
C604	1-163-003-11	CERAMIC CHIP	330PF	10%	50V	D709	8-719-019-12	DIODE ZSML-5.6X-T1
C701	1-126-946-11	ELECT	6800uF	20%	16V	D710	8-719-019-12	DIODE ZSML-5.6X-T1
C702	1-126-937-11	ELECT	4700uF	20%	16V	D711	8-719-019-12	DIODE ZSML-5.6X-T1
C703	1-124-903-11	ELECT	1uF	20%	50V	D712	8-719-019-16	DIODE ZSML-6.2X-T1
C704	1-126-969-11	ELECT	220uF	20%	50V	D713	8-719-016-74	DIODE 1SS352
C705	1-126-963-11	ELECT	4.7uF	20%	50V	D714	8-719-016-74	DIODE 1SS352
C706	1-126-926-11	ELECT	1000uF	20%	10V	D715	8-719-016-74	DIODE 1SS352
C707	1-126-926-11	ELECT	1000uF	20%	10V	D716	8-719-019-20	DIODE ZSML-6.8X-T1
C708	1-126-963-11	ELECT	4.7uF	20%	50V	D801	8-719-016-74	DIODE 1SS352
C709	1-126-963-11	ELECT	4.7uF	20%	50V	D802	8-719-016-74	DIODE 1SS352
C710	1-126-935-11	ELECT	470uF	20%	6.3V	D803	8-719-016-74	DIODE 1SS352
C711	1-126-947-11	ELECT	47uF	20%	35V	D804	8-719-016-74	DIODE 1SS352
C751	1-165-319-11	CERAMIC CHIP	0.1uF	50V		< IC >		
C752	1-137-374-11	FILM	0.047uF	5%	50V	IC501	8-752-075-27	IC CXA1878Q
C753	1-137-374-11	FILM	0.047uF	5%	50V	IC502	8-759-636-55	IC M5218AFP
C801	1-126-933-11	ELECT	100uF	20%	10V	IC503	8-759-100-96	IC uPC4558G2
C803	1-124-902-00	ELECT	0.47uF	20%	50V	IC504	8-752-070-67	IC CXA1597P
C810	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V	IC601	8-759-822-38	IC LA6510
C811	1-165-319-11	CERAMIC CHIP	0.1uF	50V		IC701	8-759-100-96	IC uPC4558G2
< CONNECTOR >								
* CN001	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P (EXCEPT E)	IC801	8-752-873-55	IC CXP82432A-005Q			
CN101	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P	IC802	8-759-165-82	IC PST600E-T			
CN201	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P	IC803	8-759-009-06	IC MC14052BF			
* CN501	1-691-916-11	CONNECTOR, BOARD TO BOARD	IC804	8-759-009-06	IC MC14052BF			
* CN502	1-691-916-11	CONNECTOR, BOARD TO BOARD	IC805	8-759-009-19	IC MC14081BF			
* CN503	1-691-916-11	CONNECTOR, BOARD TO BOARD	IC806	8-759-009-06	IC MC14052BF			

MAIN

HEADPHONE

TRANSFORMER 1

TRANSFORMER 2

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC807	8-759-032-11	IC MC74HC04AF		R101	1-216-073-00	METAL CHIP	10K 5% 1/10W
IC808	8-759-009-06	IC MC14052BF		R102	1-216-105-91	METAL GLAZE	220K 5% 1/10W
IC809	8-759-032-11	IC MC74HC04AF		R103	1-216-097-91	METAL GLAZE	100K 5% 1/10W
		< JACK >		R104	1-216-055-00	METAL CHIP	1.8K 5% 1/10W
				R105	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
* J401	1-764-188-11	JACK (SMALL TYPE) (DIA. 3.5) (CONTROL A) (WE805S)		R106	1-216-060-00	METAL GLAZE	3K 5% 1/10W
* J402	1-764-188-11	JACK (SMALL TYPE) (DIA. 3.5) (CONTROL A) (WE805S)		R107	1-216-049-91	METAL GLAZE	1K 5% 1/10W
J501	1-770-614-11	JACK, PIN 4P (LINE IN/OUT)		R108	1-216-063-91	METAL GLAZE	3.9K 5% 1/10W
J502	1-568-519-41	JACK, LARGE TYPE (PHONES)		R109	1-216-073-00	METAL CHIP	10K 5% 1/10W
		< FILTER >		R110	1-216-065-00	METAL CHIP	4.7K 5% 1/10W
LPF101	1-233-271-11	FILTER, LOW PASS		R111	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
LPF201	1-233-271-11	FILTER, LOW PASS		R112	1-216-075-00	METAL CHIP	12K 5% 1/10W
		< TRANSISTOR >		R113	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q101	8-729-900-74	TRANSISTOR DTC143TS		R114	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
Q102	8-729-922-37	TRANSISTOR 2SD2144S		R115	1-216-081-00	METAL CHIP	22K 5% 1/10W
Q201	8-729-900-74	TRANSISTOR DTC143TS		R116	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
Q202	8-729-922-37	TRANSISTOR 2SD2144S		R117	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q401	8-729-010-29	TRANSISTOR MSD601-RST1 (WE805S)		R118	1-216-033-00	METAL CHIP	220 5% 1/10W
Q451	8-729-010-05	TRANSISTOR MSB709-RT1		R119	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q452	8-729-424-08	TRANSISTOR UN2111		R120	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q453	8-729-421-22	TRANSISTOR UN2211		R122	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q461	8-729-010-05	TRANSISTOR MSB709-RT1		R123	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
Q462	8-729-424-08	TRANSISTOR UN2111		R151	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q463	8-729-421-22	TRANSISTOR UN2211		R201	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q501	8-729-010-05	TRANSISTOR MSB709-RT1		R202	1-216-105-91	METAL GLAZE	220K 5% 1/10W
Q502	8-729-010-29	TRANSISTOR MSD601-RST1		R203	1-216-097-91	METAL GLAZE	100K 5% 1/10W
Q503	8-729-010-29	TRANSISTOR MSD601-RST1		R204	1-216-055-00	METAL CHIP	1.8K 5% 1/10W
Q601	8-729-421-22	TRANSISTOR UN2211		R205	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
Q602	8-729-421-22	TRANSISTOR UN2211		R206	1-216-060-00	METAL GLAZE	3K 5% 1/10W
Q603	8-729-424-08	TRANSISTOR UN2111		R207	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q604	8-729-801-93	TRANSISTOR 2SD1387		R208	1-216-063-91	METAL GLAZE	3.9K 5% 1/10W
Q605	8-729-801-93	TRANSISTOR 2SD1387		R209	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q606	8-729-421-22	TRANSISTOR UN2211 (WE805S)		R210	1-216-065-00	METAL CHIP	4.7K 5% 1/10W
Q607	8-729-424-08	TRANSISTOR UN2111 (WE805S)		R211	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
Q621	8-729-010-05	TRANSISTOR MSB709-RT1 (WE805S)		R212	1-216-075-00	METAL CHIP	12K 5% 1/10W
Q701	8-729-141-83	TRANSISTOR 2SB1094-LK		R213	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q702	8-729-209-15	TRANSISTOR 2SD2012		R214	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
Q703	8-729-141-83	TRANSISTOR 2SB1094-LK		R215	1-216-081-00	METAL CHIP	22K 5% 1/10W
Q704	8-729-010-29	TRANSISTOR MSD601-RST1		R216	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
Q705	8-729-421-22	TRANSISTOR UN2211 (US,CND,E,AUS)		R217	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q706	8-729-421-22	TRANSISTOR UN2211 (US,CND,E,AUS)		R218	1-216-033-00	METAL CHIP	220 5% 1/10W
Q707	8-729-010-05	TRANSISTOR MSB709-RT1		R219	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q708	8-729-140-04	TRANSISTOR 2SB1116A-L		R220	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q751	8-729-036-56	TRANSISTOR 2SK208-GR-TE85L (WA8ESA)		R222	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q801	8-729-421-19	TRANSISTOR UN2213		R223	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
Q802	8-729-010-29	TRANSISTOR MSD601-RST1		R251	1-216-089-91	METAL GLAZE	47K 5% 1/10W
		< RESISTOR >		R401	1-216-073-00	METAL CHIP	10K 5% 1/10W
				R402	1-216-049-91	METAL GLAZE	1K 5% 1/10W
				R403	1-216-065-00	METAL CHIP	4.7K 5% 1/10W
				R404	1-216-073-00	METAL CHIP	10K 5% 1/10W (WE805S)

MAIN **HEADPHONE** **TRANSFORMER 1** **TRANSFORMER 2**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>		<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>		
R405	1-216-001-00	METAL CHIP	10	5%	1/10W (WE805S)	R593	1-216-081-00	METAL CHIP	22K	5% 1/10W
R451	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R594	1-216-081-00	METAL CHIP	22K	5% 1/10W
R452	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R601	1-216-025-91	METAL GLAZE	100	5% 1/10W
R453	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R602	1-216-025-91	METAL GLAZE	100	5% 1/10W
R461	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R603	1-216-081-00	METAL CHIP	22K	5% 1/10W
R462	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R604	1-216-081-00	METAL CHIP	22K	5% 1/10W
R463	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R605	1-216-075-00	METAL CHIP	12K	5% 1/10W
R501	1-208-816-11	METAL GLAZE	27K	0.50%	1/10W	R606	1-216-075-00	METAL CHIP	12K	5% 1/10W
R502	1-208-813-11	METAL GLAZE	20K	0.50%	1/10W	R607	1-216-076-00	METAL CHIP	13K	5% 1/10W
R503	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R608	1-216-076-00	METAL CHIP	13K	5% 1/10W
R504	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	R609	1-216-076-00	METAL CHIP	13K	5% 1/10W
R505	1-216-121-91	METAL GLAZE	1M	5%	1/10W	R610	1-216-076-00	METAL CHIP	13K	5% 1/10W
R506	1-216-073-00	METAL CHIP	10K	5%	1/10W	R613	1-216-067-00	METAL CHIP	5.6K	5% 1/10W
R507	1-216-073-00	METAL CHIP	10K	5%	1/10W	R614	1-216-067-00	METAL CHIP	5.6K	5% 1/10W
R508	1-216-041-00	METAL CHIP	470	5%	1/10W	R615	1-216-072-00	METAL CHIP	9.1K	5% 1/10W
R509	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R616	1-216-072-00	METAL CHIP	9.1K	5% 1/10W
R510	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R617	1-216-073-00	METAL CHIP	10K	5% 1/10W
R511	1-216-073-00	METAL CHIP	10K	5%	1/10W	R618	1-216-057-00	METAL CHIP	2.2K	5% 1/10W
R512	1-216-041-00	METAL CHIP	470	5%	1/10W	R619	1-216-073-00	METAL CHIP	10K	5% 1/10W
R513	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R620	1-216-057-00	METAL CHIP	2.2K	5% 1/10W
R521	1-216-081-00	METAL CHIP	22K	5%	1/10W	R622	1-216-066-00	METAL CHIP	5.1K	5% 1/10W (WE805S)
R522	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	R623	1-216-089-91	METAL GLAZE	47K	5% 1/10W (WE805S)
R523	1-216-689-11	METAL CHIP	39K	0.5%	1/10W	R624	1-216-089-91	METAL GLAZE	47K	5% 1/10W (WE805S)
R524	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R701	1-249-414-11	CARBON	560	5% 1/4W
R525	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R702	1-216-073-00	METAL CHIP	10K	5% 1/10W
R526	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R703	1-216-061-00	METAL CHIP	3.3K	5% 1/10W (WE805S)
R527	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R704	1-216-065-00	METAL CHIP	4.7K	5% 1/10W
R528	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W	R705	1-216-069-00	METAL CHIP	6.8K	5% 1/10W
R529	1-216-041-00	METAL CHIP	470	5%	1/10W	R706	1-216-053-00	METAL CHIP	1.5K	5% 1/10W
R530	1-216-073-00	METAL CHIP	10K	5%	1/10W	R707	1-216-073-00	METAL CHIP	10K	5% 1/10W
R531	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R708	1-216-053-00	METAL CHIP	1.5K	5% 1/10W
R532	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R709	1-216-065-00	METAL CHIP	4.7K	5% 1/10W
R533	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R710	1-216-049-91	METAL GLAZE	1K	5% 1/10W
R541	1-208-816-11	METAL GLAZE	27K	0.50%	1/10W	R711	1-216-069-00	METAL CHIP	6.8K	5% 1/10W
R571	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	R712	1-216-069-00	METAL CHIP	6.8K	5% 1/10W
R572	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	R713	1-216-049-91	METAL GLAZE	1K	5% 1/10W
R573	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	R714	1-216-073-00	METAL CHIP	10K	5% 1/10W
R575	1-216-070-00	METAL CHIP	7.5K	5%	1/10W	R715	1-216-059-00	METAL CHIP	2.7K	5% 1/10W
R576	1-216-075-00	METAL CHIP	12K	5%	1/10W	R716	1-216-081-00	METAL CHIP	22K	5% 1/10W
R577	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	R717	1-216-073-00	METAL CHIP	10K	5% 1/10W
R578	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	R718	1-216-689-11	METAL CHIP	39K	0.5% 1/10W
R579	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	R719	1-216-075-00	METAL CHIP	12K	5% 1/10W
R580	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	▲ R720	1-219-136-11	FUSIBLE	0.22	10% 1/4W F
R581	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	▲ R722	1-219-137-11	FUSIBLE	0.33	10% 1/4W F
R582	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	▲ R723	1-219-137-11	FUSIBLE	0.33	10% 1/4W F
R583	1-216-070-00	METAL CHIP	7.5K	5%	1/10W	R751	1-216-047-91	METAL GLAZE	820	5% 1/10W (WA8ESA)
R584	1-216-075-00	METAL CHIP	12K	5%	1/10W	R752	1-216-047-91	METAL GLAZE	820	5% 1/10W (WA8ESA)
R585	1-216-071-00	METAL CHIP	8.2K	5%	1/10W					
R586	1-216-071-00	METAL CHIP	8.2K	5%	1/10W					
R587	1-216-059-00	METAL CHIP	2.7K	5%	1/10W					
R588	1-216-067-00	METAL CHIP	5.6K	5%	1/10W					

The components identified by mark ▲ or dotted line with mark ▲ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ▲ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN

HEADPHONE

TRANSFORMER 1

TRANSFORMER 2

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark				
R754	1-216-038-00	METAL CHIP	360	5%	1/10W (WA8ESA)	R861	1-216-073-00	METAL CHIP	10K	5% 1/10W		
R799	1-216-073-00	METAL CHIP	10K	5%	1/10W	R862	1-216-080-00	METAL CHIP	20K	5% 1/10W		
R800	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R863	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R802	1-216-073-00	METAL CHIP	10K	5%	1/10W	R864	1-216-092-00	METAL GLAZE	62K	5% 1/10W		
R803	1-216-073-00	METAL CHIP	10K	5%	1/10W (WE805S)	R865	1-216-084-00	METAL CHIP	30K	5% 1/10W		
R804	1-216-067-00	METAL CHIP	5.6K	5%	1/10W	R866	1-216-077-00	METAL CHIP	15K	5% 1/10W		
R806	1-216-081-00	METAL CHIP	22K	5%	1/10W	R867	1-216-070-00	METAL CHIP	7.5K	5% 1/10W		
R807	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R868	1-216-073-00	METAL CHIP	10K	5% 1/10W		
R808	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R869	1-216-073-00	METAL CHIP	10K	5% 1/10W		
R809	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R870	1-216-073-00	METAL CHIP	10K	5% 1/10W		
R810	1-216-025-91	METAL GLAZE	100	5%	1/10W	R871	1-216-073-00	METAL CHIP	10K	5% 1/10W		
R811	1-216-073-00	METAL CHIP	10K	5%	1/10W	R872	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R812	1-216-073-00	METAL CHIP	10K	5%	1/10W	R873	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R813	1-216-073-00	METAL CHIP	10K	5%	1/10W	R874	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R814	1-216-073-00	METAL CHIP	10K	5%	1/10W	R875	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R815	1-216-073-00	METAL CHIP	10K	5%	1/10W	R877	1-216-081-00	METAL CHIP	22K	5% 1/10W		
R816	1-216-025-91	METAL GLAZE	100	5%	1/10W	R881	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R817	1-216-025-91	METAL GLAZE	100	5%	1/10W	R882	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R818	1-216-025-91	METAL GLAZE	100	5%	1/10W	R883	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R819	1-216-025-91	METAL GLAZE	100	5%	1/10W	R884	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R820	1-216-025-91	METAL GLAZE	100	5%	1/10W	R885	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R821	1-216-025-91	METAL GLAZE	100	5%	1/10W	R886	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R822	1-216-025-91	METAL GLAZE	100	5%	1/10W	R891	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R823	1-216-025-91	METAL GLAZE	100	5%	1/10W	R892	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R824	1-216-025-91	METAL GLAZE	100	5%	1/10W	R893	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R825	1-216-025-91	METAL GLAZE	100	5%	1/10W	R894	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R826	1-216-025-91	METAL GLAZE	100	5%	1/10W	R895	1-216-083-00	METAL CHIP	27K	5% 1/10W		
R827	1-216-025-91	METAL GLAZE	100	5%	1/10W	R896	1-216-057-00	METAL CHIP	2.2K	5% 1/10W		
R828	1-216-025-91	METAL GLAZE	100	5%	1/10W	< VARIABLE RESISTOR >						
R829	1-216-025-91	METAL GLAZE	100	5%	1/10W	RV101	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL L) (DECK-B)				
R830	1-216-025-91	METAL GLAZE	100	5%	1/10W	RV102	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL L) (DECK-A)				
R831	1-216-097-91	METAL GLAZE	100K	5%	1/10W	RV201	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL R) (DECK-B)				
R832	1-216-097-91	METAL GLAZE	100K	5%	1/10W	RV202	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL R) (DECK-A)				
R833	1-216-097-91	METAL GLAZE	100K	5%	1/10W	RV601	1-241-765-11	RES, ADJ, CARBON 22K (PITCH CONTROL) (WE805S)				
R834	1-216-097-91	METAL GLAZE	100K	5%	1/10W	< VIBRATOR >						
R841	1-216-073-00	METAL CHIP	10K	5%	1/10W	X801	1-579-175-11	VIBRATOR, CERAMIC (10MHz)				
R842	1-216-080-00	METAL CHIP	20K	5%	1/10W	*****						
R843	1-216-057-00	METAL CHIP	2.2K	5%	1/10W							
R844	1-216-092-00	METAL GLAZE	62K	5%	1/10W							
R845	1-216-084-00	METAL CHIP	30K	5%	1/10W							
R846	1-216-077-00	METAL CHIP	15K	5%	1/10W							
R847	1-216-070-00	METAL CHIP	7.5K	5%	1/10W							
R848	1-216-073-00	METAL CHIP	10K	5%	1/10W							
R849	1-216-073-00	METAL CHIP	10K	5%	1/10W							
R850	1-216-073-00	METAL CHIP	10K	5%	1/10W							
R851	1-216-073-00	METAL CHIP	10K	5%	1/10W							
R852	1-216-083-00	METAL CHIP	27K	5%	1/10W							
R853	1-216-083-00	METAL CHIP	27K	5%	1/10W							
R854	1-216-083-00	METAL CHIP	27K	5%	1/10W							
R855	1-216-083-00	METAL CHIP	27K	5%	1/10W							

PANEL (C)
PANEL L1

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark				
*	A-2007-498-A	PANEL (C) BOARD, COMPLETE (WE805S)		S918	1-554-303-21	SWITCH, TACTILE (REC ●) (DECK-B)					
*	A-2007-512-A	PANEL (C) BOARD, COMPLETE (WA8ESA)	*****	S921	1-554-303-21	SWITCH, TACTILE (■) (DECK-B)					
			*****	S922	1-554-303-21	SWITCH, TACTILE (PAUSE■) (DECK-B)					
*	3-377-337-11	HOLDER (FL)		S923	1-554-303-21	SWITCH, TACTILE (▷) (DECK-B)					
		< CONNECTOR >		S924	1-554-303-21	SWITCH, TACTILE (◁) (DECK-B)					
CN902	1-770-247-11	SOCKET, CONNECTOR 41P		S925	1-554-303-21	SWITCH, TACTILE (REC MUTE ○) (DECK-B)					
		< IC >		S926	1-554-303-21	SWITCH, TACTILE (◀ RMS-) (DECK-A)					
IC901	8-741-810-59	IC SBX1810-59		S927	1-554-303-21	SWITCH, TACTILE (▶ RMS+) (DECK-A)					
R904	1-216-025-91	METAL GLAZE	100	5%	1/10W	S928	1-554-303-21	SWITCH, TACTILE (REC ●) (DECK-A)			
R911	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	S931	1-554-303-21	SWITCH, TACTILE (RESET/COUNTER A)			
R912	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	S932	1-554-303-21	SWITCH, TACTILE (MEMORY/COUNTER A)			
R913	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	S936	1-762-567-11	SWITCH, SLIDE (DOLBY NR OFF/ON/FILTER)			
R914	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W	S937	1-762-609-11	SWITCH, SLIDE (DOLBY NR B/C/S)			
R915	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	S941	1-554-303-21	SWITCH, TACTILE (DISPLAY)			
R916	1-216-077-00	METAL CHIP	15K	5%	1/10W	S942	1-554-303-21	SWITCH, TACTILE (RMS/START)			
R917	1-216-089-91	METAL GLAZE	47K	5%	1/10W	S943	1-554-303-21	SWITCH, TACTILE (CHECK)			
R921	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	S944	1-554-303-21	SWITCH, TACTILE (SET)			
R922	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	S945	1-554-303-21	SWITCH, TACTILE (A+B REC)			
R923	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	S946	1-554-303-21	SWITCH, TACTILE (HIGH/NORMAL)			
R924	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W	S951	1-554-303-21	SWITCH, TACTILE (RESET/COUNTER B)			
R925	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	S952	1-554-303-21	SWITCH, TACTILE (MEMORY/COUNTER B)			
R926	1-216-077-00	METAL CHIP	15K	5%	1/10W	S953	1-554-303-21	SWITCH, TACTILE (DECK-A)			
R927	1-216-089-91	METAL GLAZE	47K	5%	1/10W	S954	1-554-303-21	SWITCH, TACTILE (DECK-B)			
							< INDICATOR TUBE >				
				VFD901	1-517-263-11	INDICATOR TUBE, FLUORESCENT					

				*	A-2007-512-A	PANEL L1 BOARD, COMPLETE (WA8ESA)					
				*	A-2007-497-A	PANEL L1 BOARD, COMPLETE (WE805S:US, CND,E,AUS)					

							< RESISTOR >				
R931	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	R903	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R932	1-216-055-00	METAL CHIP	1.8K	5%	1/10W			(WE805S:US,CND,E,AUS)			
R935	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	R947	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R936	1-216-077-00	METAL CHIP	15K	5%	1/10W						
R937	1-216-089-91	METAL GLAZE	47K	5%	1/10W						
							< VARIABLE RESISTOR >				
R941	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	RV902	1-225-173-11	RES, VAR, CARBON 50K (PITCH CONTROL)			
R942	1-216-055-00	METAL CHIP	1.8K	5%	1/10W			(WE805S:US,CND,E,AUS)			
R943	1-216-059-00	METAL CHIP	2.7K	5%	1/10W						
R944	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W						
R945	1-216-069-00	METAL CHIP	6.8K	5%	1/10W						
							< SWITCH >				
R946	1-216-077-00	METAL CHIP	15K	5%	1/10W	S801	1-554-118-00	SWITCH, PUSH (1 KEY) (POWER)			
R951	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	S947	1-762-609-11	SWITCH, SLIDE (DIRECTION MODE)			
R952	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	S961	1-554-118-00	SWITCH, PUSH (1 KEY)(PITCH CONTROL)			
R953	1-216-059-00	METAL CHIP	2.7K	5%	1/10W			(WE805S:US,CND,E,AUS)			
R954	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W						

S911	1-554-303-21	SWITCH, TACTILE (■)(DECK-A)									
S912	1-554-303-21	SWITCH, TACTILE (PAUSE■) (DECK-A)									
S913	1-554-303-21	SWITCH, TACTILE (▷)(DECK-A)									
S914	1-554-303-21	SWITCH, TACTILE (◁)(DECK-A)									
S915	1-554-303-21	SWITCH, TACTILE (REC MUTE○) (DECK-A)									
S916	1-554-303-21	SWITCH, TACTILE (◀ RMS-) (DECK-B)									
S917	1-554-303-21	SWITCH, TACTILE (▶ RMS+) (DECK-B)									

PANEL L2**PANEL (R)****POWER SW**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>						
*	1-659-572-11	PANEL L2 BOARD (WE805S:AEP,UK,G,MY,SP, CH)									

< RESISTOR >											
R903	1-216-097-91	METAL GLAZE	100K	5%	1/10W						
R947	1-216-089-91	METAL GLAZE	47K	5%	1/10W						
< VARIABLE RESISTOR >											
RV902	1-225-173-11	RES, VAR, CARBON 50K (PITCH CONTROL)									
< SWITCH >											
S947	1-762-609-11	SWITCH, SLIDE (DIRECTION MODE)									
S961	1-554-118-00	SWITCH, PUSH (1 KEY) (PITCH CONTROL)									

*	A-2007-512-A	PANEL (R) BOARD, COMPLETE (WA8ESA)									
*	A-2007-499-A	PANEL (R) BOARD, COMPLETE (WE805S)									

< DIODE >											
D901	8-719-313-43	LED	SEL6210S-TH10 (SYNCRO) (WE805S)								
D902	8-719-313-43	LED	SEL6210S-TH10 (AUTO REC LEVEL)								
< TRANSISTOR >											
Q901	8-729-424-08	TRANSISTOR	UN2111		(WE805S)						
Q902	8-729-424-08	TRANSISTOR	UN2111								
< RESISTOR >											
R901	1-216-041-00	METAL CHIP	470	5%	1/10W (WE805S)						
R902	1-216-041-00	METAL CHIP	470	5%	1/10W						
R933	1-216-059-00	METAL CHIP	2.7K	5%	1/10W						
R934	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W (WE805S)						
R938	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W (WA8ESA)						
< VARIABLE RESISTOR >											
RV901	1-241-797-11	RES, VAR, CARBON 20K (AUTO REC LEVEL)									
< SWITCH >											
S933	1-554-303-21	SWITCH, TACTILE (FADER) (WE805S)									
S934	1-554-303-21	SWITCH, TACTILE (ARL) (WE805S)									
S935	1-554-303-21	SWITCH, TACTILE (SYNCHRO) (WE805S)									
S935	1-554-303-21	SWITCH, TACTILE (ARL) (WA8ESA)									
S938	1-554-303-21	SWITCH, TACTILE (FADER) (WA8ESA)									

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>						
*	1-659-575-11	POWER SW BOARD (WE805S:AEP,UK,G, MY,SP,CH)									

< CAPACITOR >											
△ C001	1-113-925-11	ELECT	0.01uF	20%	250V						
< CONNECTOR >											
CN002	1-568-226-11	PIN, CONNECTOR 2P									
< SWITCH >											
△ S850	1-762-581-11	SWITCH, AC POWER PUSH (1 KEY) (POWER)									

MISCELLANEOUS											

△ 10	1-551-188-XX	CORD, POWER (E)									
△ 10	1-558-945-21	CORD, POWER (POLAR,SPT-1) (US,CND)									
△ 10	1-575-651-21	CORD, POWER (AEP,G,MY,SP,CH)									
△ 10	1-696-586-11	CORD, POWER (UK)									
△ 10	1-696-845-11	CORD, POWER (AUS)									
△ 10	1-751-523-11	CORD, POWER (UK)									
△ 11	1-569-007-11	ADAPTER, CONVERSION 2P (E)									
△ 11	1-569-008-21	ADAPTER, CONVERSION 2P (CH)									
73	1-769-916-11	WIRE (FLAT TYPE) (9 CORE)									
78	1-769-598-11	WIRE (FLAT TYPE) (41 CORE)									
121	1-638-983-11	MOTOR FLEXIBLE BOARD									
	HRPE101A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE)									
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)									
M2	X-3363-501-2	MOTOR ASSY (REEL)									
△ S701	1-692-155-11	VOLTAGE SELECTOR (VOLTAGE SELECTOR)(E)									
△ T801	1-427-782-11	TRANSFORMER, POWER (US,CND)									
△ T801	1-427-783-11	TRANSFORMER, POWER (EXCEPT US,CND,E)									
△ T801	1-427-784-11	TRANSFORMER, POWER (E)									

ACCESSORIES & PACKING MATERIALS											

1-473-598-11	REMOTE COMMANDER (RM-J910) (WA8ESA:CND)										
1-551-734-11	CORD, CONNECTION										
△ 1-569-007-11	ADAPTER, CONVERSION 2P (E)										
△ 1-569-008-21	ADAPTER, CONVERSION 2P (CH)										
△ 1-777-172-11	CORD, CONNECTION (WE805S:CND)										
3-810-716-11	MANUAL, INSTRUCTION (ENGLISH) (US,CND, UK,AUS)										
3-810-716-21	MANUAL, INSTRUCTION (FRENCH)(CND)										
3-810-716-31	MANUAL, INSTRUCTION (ENGLISH/FRENCH/ SPANISH/PORTUGUESE)(AEP)										
3-810-716-41	MANUAL, INSTRUCTION (GERMAN/DUTCH/ SWEDISH/ITALIAN)(AEP)										
3-810-716-51	MANUAL, INSTRUCTION (GERMAN)(G)										

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
	3-810-716-61	MANUAL, INSTRUCTION (ENGLISH/FRENCH/ FRENCH/SPANISH/CHINESE)(E,MY,SP,CH)	
	3-810-765-11	MANUAL(CONTROL-A1),INSTRUCTION (ENGLISH) (WE805S:US,CND,E,AEP,UK,G)	
	3-810-765-21	MANUAL(CONTROL-A1),INSTRUCTION (ENGLISH/FRENCH/SPANISH/GERMAN/DUTCH/ SWEDISH/ITALIAN/PORTUGUESE/CHINESE) (WE805S:CND,AEP,G,E,MY,SP,CH)	
	3-856-156-11	MANUAL, INSTRUCTION (ENGLISH/FRENCH) (WA8ESA:CND)	
*	3-932-083-01	CUSHION (WE805S:CND,AEP,G,AUS,MY,SP,CH)	
*	3-932-083-01	CUSHION (WE805S:US,E,UK)	
*	3-934-286-01	CARTON, INDIVIDUAL (WE805S:US,CND,E,AUS)	
*	3-934-288-01	CARTON, INDIVIDUAL (WA8ESA)	
*	3-934-930-01	INDIVIDUAL CARTON (WE805S:AEP,UK,G,MY, SP,CH)	
*	3-936-086-01	CUSHION (WA8ESA)	
	4-981-643-01	COVER BATTERY (For RM-J910) (WA8ESA:CND)	

HARDWARE LIST

#1	7-682-548-04	SCREW +BVTT 3X8 (S)
#2	7-685-871-01	SCREW +BVTT 3X6 (S)
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S
#4	7-685-862-09	SCREW +BVTT 2.6X6 (S)
#5	7-685-134-19	SCREW (+ PTPWH) (2.6X8)
#6	7-627-556-08	SCREW +P 2.6X2.8
#7	7-621-775-00	SCREW +B 2.6X3

TC-WA8ESA/WE805S

SONY®

SERVICE MANUAL

*US Model
Canadian Model
TC-WA8ESA/WE805S
AEP Model
UK Model
E Model
Australian Model
Chinese Model
TC-WE805S*

CORRECTION-1

Correct your service manual as shown below.

Page	INCORRECT				CORRECT			
	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
47	70	X-4945-947-1	HOLDER (L) ASSY, CASSETTE		70	X-4945-946-1	HOLDER (R) ASSY, CASSETTE	
	83	X-4945-946-1	HOLDER (R) ASSY, CASSETTE		83	X-4945-947-1	HOLDER (L) ASSY, CASSETTE	

(RPC-99002)